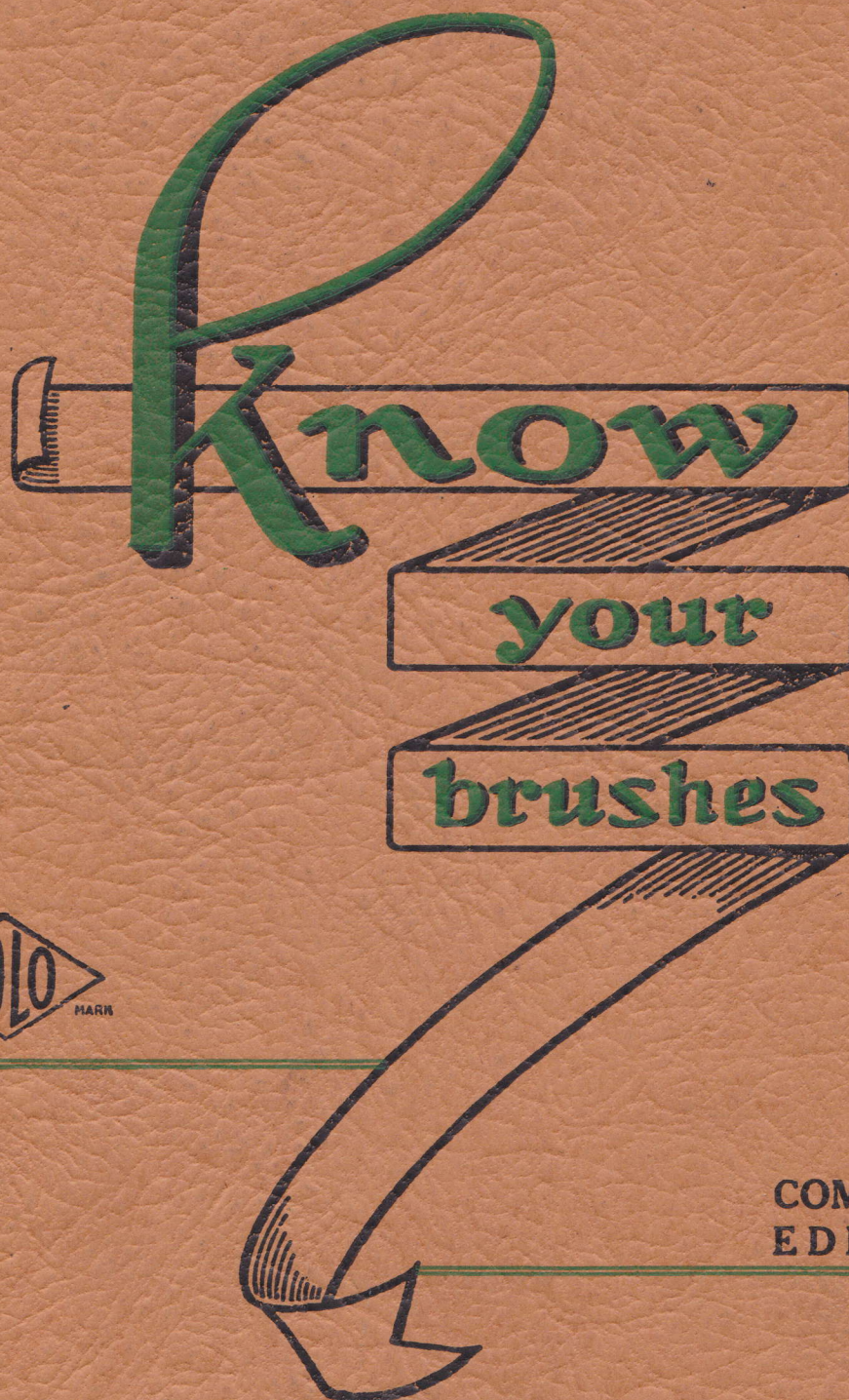


SOLO - HORTON BRUSH CO., INC.
NEW YORK CITY



**COMPLETE
EDITION**

Know Your Brushes

A Catalogue of
Brushes for the
Arts and Trades

COMPLETE EDITION

SOLO-HORTON BRUSH CO., INC.
135 WEST 19th STREET
NEW YORK CITY

Painters'
Brushes

Carded &
Boxed
Brushes

Artists'
Brushes

Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glass
Paints,
& Oil
Brushes

Floor,
Ceiling &
Window
Brushes

Wire
Brushes

Power
Battery
Brushes

Electro-
Plating,
Dry
Cleaning &
Washing
Brushes

Paints

Paints,
Brushes,
& Tools

Paints,
Brushes,
& Tools

Paints,
Brushes,
& Tools

Paints,
Brushes,
& Tools

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FOREWORD

THIS catalogue is compiled and dedicated to the Modern Purchasing Agent and Buyer, the men who take the detail of many lines and transform it into the modern simplicity of today.

In years gone by it has been common practice to consider large and voluminous catalogues a prestige to a house. Catalogues were filled with endless duplication of old style wood cuts giving only a meagre idea of the products described.

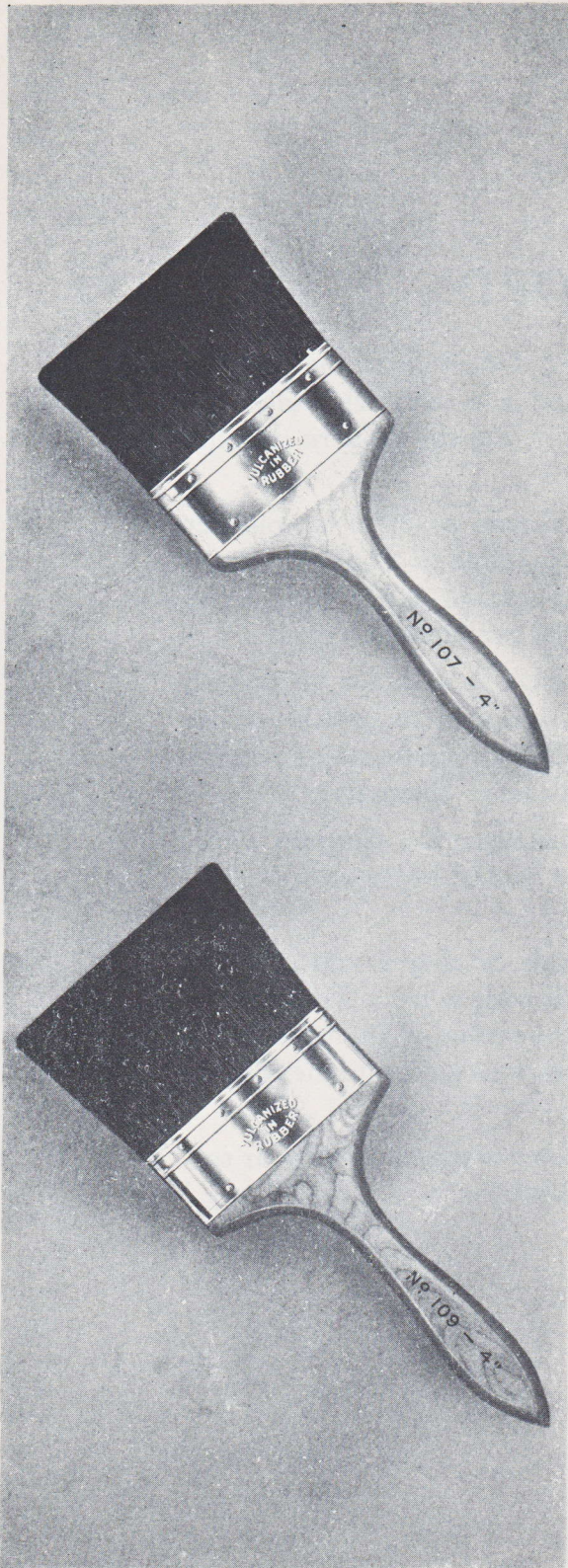
Recognizing the importance of time as a factor in modern business, this catalogue has been compiled to give a concise description of a standard line without repetition, supported by life-like photo engravings of the brushes themselves.

Wherever necessary we have illustrated the close-up working ends of the brushes, to indicate to the buyer exactly how the brushes appear when in work.

When making selections from this catalogue you can rely absolutely on the accuracy of the descriptions. We have endeavored to give you a working knowledge of the brushes by making our descriptions and illustrations as comprehensive as possible.

Our many years of practical brush experience is at your service, and we shall welcome your inquiries.

FLAT WALL PAINT BRUSHES



No. 104. 4" FLAT IRON PAINT BRUSHES

Mixed Black Bristle, Nickel Plated Ferrules, Clear Lacquered Flat Handles. Packed $\frac{1}{2}$ dozen in box. This brush is not pure bristle, but is made of a Special Mixture, especially designed for Rough Iron Painting.

Width..... 4"

Length of Bristles $3\frac{1}{4}$ "

No. 105. 4" FLAT IRON PAINT BRUSHES

Mixed Black Bristle, Nickel Plated Ferrules, Clear Lacquered Flat Handles. Packed $\frac{1}{2}$ dozen in box. This brush is not pure bristle, but is made of a Special Mixture, especially designed for Rough Iron Painting.

Width..... 4"

Length of Bristles 4"

No. 107. FLAT WALL PAINT BRUSHES

Pure Black Chinese Bristles, Vulcanized in Rubber, Nickel Plated Ferrules, Clear Lacquered Flat Handles. Packed $\frac{1}{2}$ dozen in box. A well made inexpensive brush for Industrial or Home use.

Width..... $2\frac{1}{2}$ " 3" $3\frac{1}{2}$ " 4" $4\frac{1}{2}$ " 5"

Length of Bristles $2\frac{3}{16}$ " $2\frac{7}{16}$ " $2\frac{11}{16}$ " $2\frac{15}{16}$ " $3\frac{3}{16}$ " $3\frac{7}{16}$ "

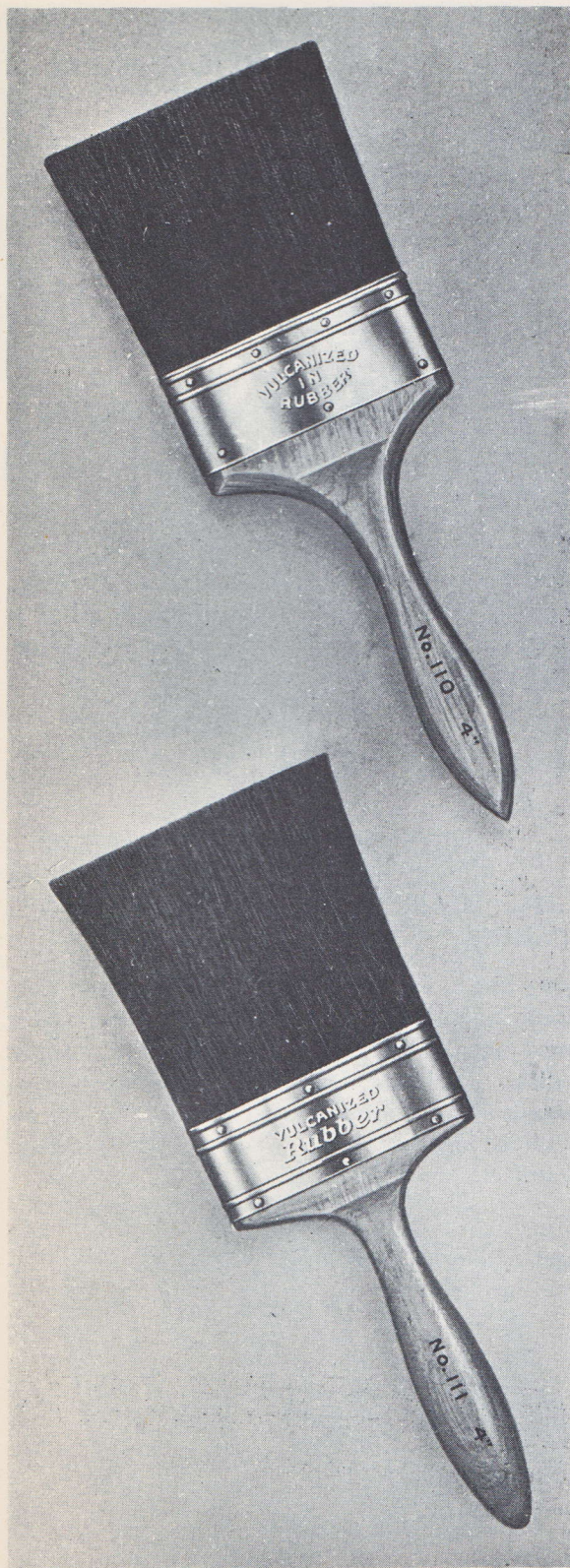
No. 109. FLAT WALL PAINT BRUSHES

Pure Black Chinese Bristles, Vulcanized in Rubber, Nickel Plated Ferrules, Clear Lacquered Flat Handles. Packed $\frac{1}{2}$ dozen in box. A general Utility Brush, a size longer than the No. 107.

Width..... $2\frac{1}{2}$ " 3" $3\frac{1}{2}$ " 4" $4\frac{1}{2}$ " 5"

Length of Bristles $2\frac{7}{16}$ " $2\frac{11}{16}$ " $2\frac{15}{16}$ " $3\frac{3}{16}$ " $3\frac{7}{16}$ " $3\frac{11}{16}$ "

FLAT WALL PAINT BRUSHES



No. 110. FLAT WALL PAINT BRUSHES

Pure Black Chinese Bristles, Vulcanized in Rubber, Nickel Plated Ferrules, Clear Lacquered Flat Handles. Packed $\frac{1}{2}$ dozen in box. An excellent quality brush of medium length.

Width.....	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "	5"
Length of Bristles	3 $\frac{1}{16}$ "	3 $\frac{5}{16}$ "	3 $\frac{9}{16}$ "	3 $\frac{13}{16}$ "	3 $\frac{13}{16}$ "

No. 113. "BLACK DIAMOND" FLAT WALL PAINT BRUSHES

Pure Black Chinese Bristles, Vulcanized in Rubber, Nickel Plated Ferrules, Clear Lacquered Oval Handles. Packed $\frac{1}{2}$ dozen in box. A standard quality brush known for generations.

Width.....	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "	5"
Length of Bristles	3 $\frac{1}{2}$ "	3 $\frac{13}{16}$ "	4 $\frac{1}{16}$ "	4 $\frac{5}{16}$ "	4 $\frac{5}{16}$ "

No. 111. FLAT WALL PAINT BRUSHES

Pure Black Chinese Bristles, Vulcanized in Rubber, Nickel Plated Ferrules, Clear Lacquered Oval Handles. Packed $\frac{1}{2}$ dozen in box. A Professional Painter's brush of the first grade.

Width.....	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "	5"
Length of Bristles	3 $\frac{13}{16}$ "	3 $\frac{15}{16}$ "	4 $\frac{3}{16}$ "	4 $\frac{7}{16}$ "	4 $\frac{7}{16}$ "

No. 112. "MASTER" FLAT WALL PAINT BRUSHES

Extra Long Pure Black Chinese Bristles, Vulcanized in Rubber, Nickel Plated Ferrules, Clear Lacquered Oval Handles. Packed $\frac{1}{2}$ dozen in box. The "Master" represents the highest degree of perfection in a Professional Painter's brush.

Width.....	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "	5"
Length of Bristles	4 $\frac{7}{16}$ "	4 $\frac{3}{4}$ "	4 $\frac{15}{16}$ "	4 $\frac{15}{16}$ "	4 $\frac{15}{16}$ "

Carded & Boxed Brushes

Artists' Brushes

Scribers' Brushes

Stencil & Marking Brushes

Glass Paints & Oil Brushes

Floor, Counter & Window Brushes

Wire Brushes

Power Rotary Brushes

Electric Painters', Dry Coaters & Washers' Brushes

Brooms

Paints & Oils

Paints & Oils

Paints & Oils

Paints & Oils

FLAT WALL PAINT BRUSHES



No. 114. LEATHER BOUND FLAT PAINT BRUSHES

Pure Black Chinese Bristles, Vulcanized in Rubber. Solid Center, Black Leather Binding, Clear Lacquered Flat Maple Handles. Packed $\frac{1}{2}$ dozen in box. A popular Professional Stucco Brush.

Width.....	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "	5"
Length of Bristles	3 $\frac{7}{8}$ "	4 $\frac{1}{8}$ "	4 $\frac{3}{8}$ "	4 $\frac{5}{8}$ "	4 $\frac{5}{8}$ "

No. 115. LEATHER BOUND FLAT PAINT BRUSHES

Selected Pure Black Chinese Bristles, Vulcanized in Rubber, Solid Center. Black Leather Binding, Clear Lacquered Flat Maple Handles. Packed $\frac{1}{2}$ dozen in box. A Professional Stucco Brush of the highest grade.

Width.....	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "	
Length of Bristles	4 $\frac{3}{8}$ "	4 $\frac{5}{8}$ "	4 $\frac{7}{8}$ "	5 $\frac{1}{8}$ "	

No. 116. STEEL BOUND FLAT PAINT BRUSHES

Long Selected Pure Black Chinese Bristles, Vulcanized in Rubber, Nickel Steel Ferrules, Open Center not plugged. Clear Lacquered Maple Handles. Packed $\frac{1}{2}$ dozen in box. Strongly recommended for Professional Painters. It works well to the shortest stub. The steel ferrule makes it practically indestructible.

Width.....	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "	5"
Length of Bristles	4 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	4 $\frac{3}{4}$ "	5"	5"

PAINT AND VARNISH BRUSH ASSORTMENTS



No. 129. "WINTHROP" VARNISH BRUSH ASSORTMENT

This Assortment Box contains our Standard No. 128 Pure Black Bristle Varnish Brushes. Vulcanized in Rubber, Green Lacquered Flat Handles. An excellent brush for household use. Each box contains 3 dozen Brushes, 1 dozen each 1", 1½", 2" sizes.



No. 106. "BEVERLY" WALL PAINT BRUSH ASSORTMENT

This Assortment Box contains our Standard No. 107, Pure Black Bristle Wall Paint Brushes, Vulcanized in Rubber, Natural Varnished Flat Handles. Each box contains 2½ dozen brushes, 1 dozen 3" and 3½" sizes, and ½ dozen 4" size. A practical brush for use around the Home.

NOTE:—For quick merchandising these assortments should be displayed by the dealer on a prominent counter. Displayed in this way the brushes will sell themselves.

OVAL VARNISH OR PAINT BRUSHES



No. 118. FLAT OVAL VARNISH OR PAINT BRUSHES

Pure Black Chinese Bristles, Vulcanized in Rubber, Solid Center, Chiselled, Clear Lacquered Flat Oval Handles, Nickel Plated Steel Ferrules. Packed $\frac{1}{2}$ dozen in box. A well made inexpensive brush.

Size.....	1	2	4	6	8	10	12
Diameter.....	$1\frac{5}{8}"$	2 "	$2\frac{1}{4}"$	$2\frac{1}{4}"$	$2\frac{3}{8}"$	$2\frac{5}{8}"$	$2\frac{5}{8}"$
Length of Bristles	$2\frac{1}{4}"$	$2\frac{5}{8}"$	$2\frac{7}{8}"$	$3\frac{1}{8}"$	$3\frac{3}{8}"$	$3\frac{5}{8}"$	$3\frac{7}{8}"$

No. 119. OVAL VARNISH OR PAINT BRUSHES

Pure Black Chinese Bristles, Vulcanized in Rubber, Solid Center, Chiselled, Clear Lacquered Beaver Tail Style Handles, Nickel Plated Steel Ferrules, Packed $\frac{1}{2}$ dozen in box. Extensively used in the industrial field.

Size.....	1/0	2/0	3/0	4/0	5/0
Diameter.....	$1\frac{11}{16}"$	$1\frac{3}{4}"$	$1\frac{13}{16}"$	$1\frac{7}{8}"$	$1\frac{15}{16}"$
Length of Bristles	$2\frac{5}{8}"$	$2\frac{3}{4}"$	$2\frac{7}{8}"$	3"	$3\frac{1}{8}"$
Size.....	6/0	7/0	8/0	9/0	10/0
Diameter.....	2"	$2\frac{1}{16}"$	$2\frac{1}{8}"$	$2\frac{3}{16}"$	$2\frac{1}{2}"$
Length of Bristles	$3\frac{1}{4}"$	$3\frac{3}{8}"$	$3\frac{1}{2}"$	$3\frac{5}{8}"$	$3\frac{3}{4}"$

No. 121. BRIDLED OVAL VARNISH OR PAINT BRUSHES

Pure Black Chinese Bristles, Vulcanized in Rubber, Solid Center, Chiselled, Clear Lacquered Beaver Tail Style Handles, Nickel Plated Steel Ferrules, Packed $\frac{1}{2}$ dozen in box. A professional painter's brush of the highest grade.

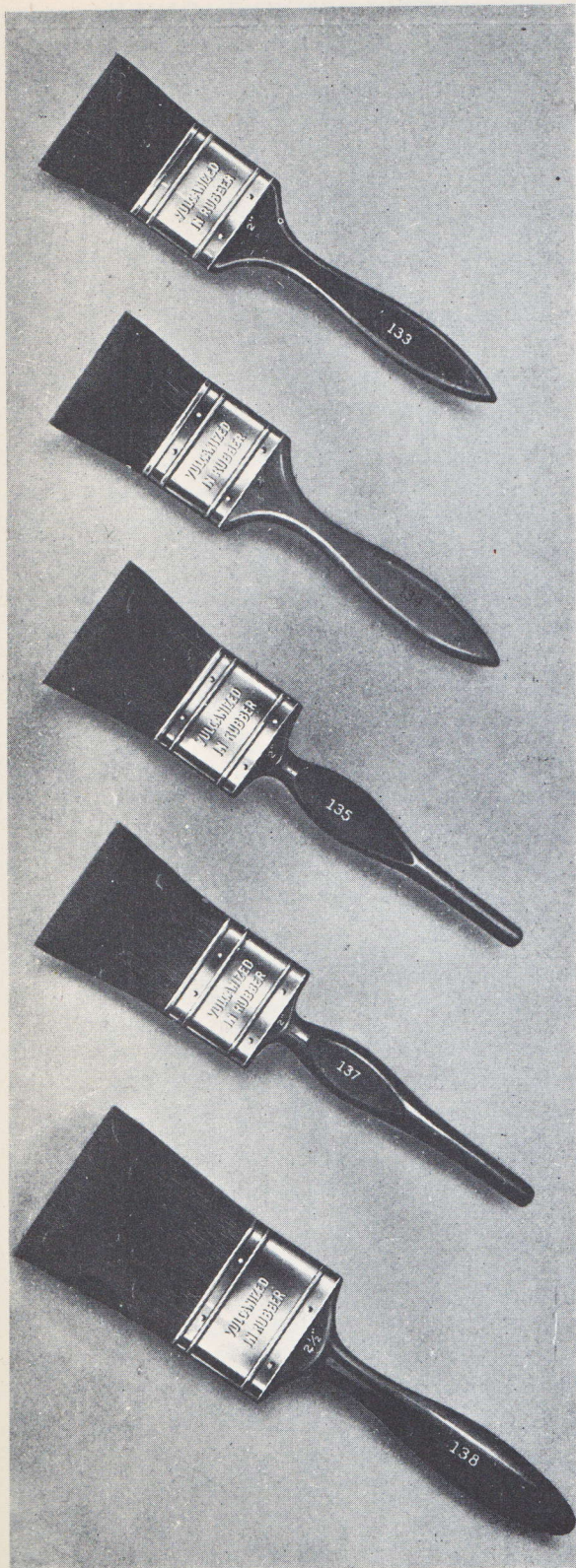
Size.....	8	10	12
Diameter.....	$2\frac{1}{4}"$	$2\frac{5}{16}"$	$2\frac{3}{8}"$
Length of Bristles	$4\frac{3}{16}"$	$4\frac{7}{16}"$	$4\frac{5}{8}"$

No. 123. OVAL SHIP BOTTOM BRUSHES

Center of Mixed Black Chinese Bristles and Russian Bristles, Cased with Black Chinese Bristles, Vulcanized Setting, Iron Ferrules, Plain Flat Pointed Handles.

Diameter.....	$2\frac{1}{2}"$
Length of Bristles	$4\frac{7}{8}"$

FLAT VARNISH BRUSHES



No. 128. FLAT VARNISH BRUSHES

Pure Black Chinese Bristles, Square Top, Vulcanized in Rubber, Nickel Plated Ferrules, Emerald Lacquered Flat Handles. A cheap brush, lightweight, but well made.

Width.....	1"	1½"	2"	2½"	3"
Length of Bristles	1⅞"	1⅞"	1⅞"	1⅞"	1⅞"

No. 133. FLAT VARNISH BRUSHES

Pure Black Chinese Bristles, Square Top, Vulcanized in Rubber, Nickel Ferrule, Yellow Lacquered Flat Handles. A practical favorite for economical industrial use.

Width.....	1"	1½"	2"	2½"	3"
Length of Bristles	1½"	1¾"	1¾"	2"	2½"

No. 134. FLAT VARNISH BRUSHES

Pure Black Chinese Bristles, Square Top, Vulcanized in Rubber, Nickel Plated Ferrules, Natural Lacquered Flat Handles. A medium grade brush slightly heavier than No. 133.

Width.....	1"	1½"	2"	2½"	3"
Length of Bristles	1⅞"	2"	2⅞"	2¼"	2¼"

No. 135. CHISELLED VARNISH BRUSHES

Double Thick, Pure Black Chinese Bristles, Chiselled End, Vulcanized in Rubber, Nickel Plated Ferrules, Clear Lacquered Panel Style Handles. A most satisfactory tool for any work, but inexpensive.

Width.....	1"	1½"	2"	2½"	3"
Length of Bristles	2"	2⅞"	2¼"	2½"	2¾"

No. 137. CHISELLED VARNISH BRUSHES

Triple Thick, Pure Black Chinese Bristles, Chiselled End, Vulcanized in Rubber, Nickel Plated Ferrules, Clear Lacquered Panel Handles. A longer stock brush than No. 135 which will meet the most rigid requirements.

Width.....	1"	1½"	2"	2½"	3"	3½"	4"
Length of Bristles	2"	2¼"	2½"	2¾"	3"	3⅞"	3⅞"

No. 138. CHISELLED VARNISH BRUSHES

Triple Thick, Pure Black Bristles Chiselled End, Vulcanized in Rubber, Nickel Plated Ferrules, Clear Lacquered Oval Handles. Used by Master Painters, and wherever the highest degree of efficiency is the prime consideration.

Width.....	1"	1½"	2"	2½"	3"
Length of Bristles	2⅞"	2½"	2⅞"	2⅞"	3⅞"

AUTO AND FINE FINISHING BRUSHES



No. 126. STEELBOUND VARNISH BRUSHES

Pure Black Chinese Bristles, Solid Centre, Vulcanized in Rubber, Nickel Plated Solid Steel Ferrules, Clear Lacquered Handles, with Red Stripe. Especially recommended for Lacquers when a bristle brush is preferred.

Size.....	1	2	3	4	5
Width.....	1 $\frac{1}{8}$ "	1 $\frac{5}{8}$ "	2 $\frac{1}{8}$ "	2 $\frac{5}{8}$ "	3 $\frac{1}{8}$ "
Length of Bristle	2"	2 $\frac{1}{8}$ "	2 $\frac{3}{8}$ "	2 $\frac{1}{2}$ "	2 $\frac{5}{8}$ "

No. 127. XXX GREY COACH FLOWING BRUSHES

Made of Selected Silver-Grey French Bristles, Vulcanized in Rubber. A popular brush in the paint shops of Motor Car Manufacturers, and High Grade Cabinet Makers.

Width.....	1"	1 $\frac{1}{2}$ "	2"	2 $\frac{1}{2}$ "	3"
Length of Bristles	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2 $\frac{3}{8}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "

No. 131. XX BLACK COACH FLOWING BRUSHES

Pure Chinese Bristles, Vulcanized in Rubber, Specially Chiselled. Recommended for painting Automobiles, and Furniture Finishing.

Width.....	1"	1 $\frac{1}{2}$ "	2"	2 $\frac{1}{2}$ "	3"
Length of Bristles	1 $\frac{3}{4}$ "	1 $\frac{5}{16}$ "	2 $\frac{3}{16}$ "	2 $\frac{3}{8}$ "	2 $\frac{1}{2}$ "

No. 132. XX WHITE COACH FLOWING BRUSHES

Pure French White Bristles, Vulcanized in Rubber. Specially Chiselled. For all High Grade Work.

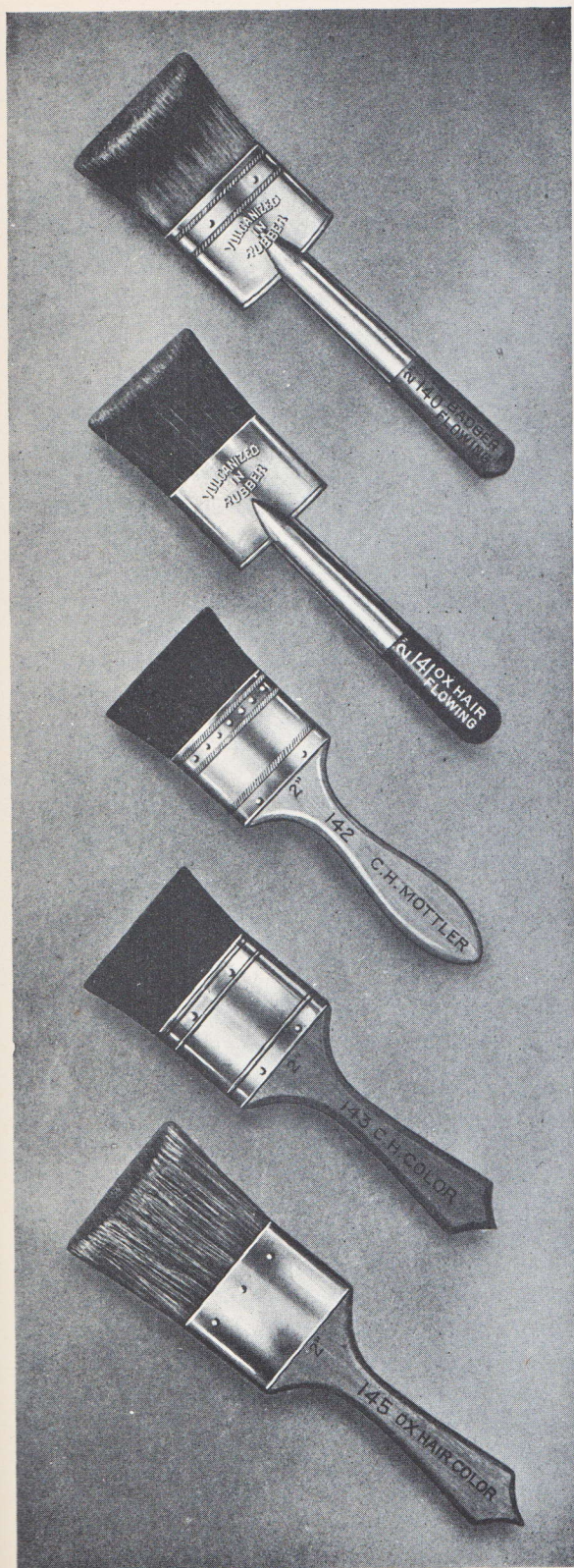
Width.....	1"	1 $\frac{1}{2}$ "	2"	2 $\frac{1}{2}$ "	3"
Length of Bristles	1 $\frac{11}{16}$ "	1 $\frac{13}{16}$ "	1 $\frac{15}{16}$ "	2 $\frac{1}{8}$ "	2 $\frac{5}{16}$ "

No. 139. FITCH FLOWING VARNISH BRUSHES

A very high grade Fitch Flowing Brush for all kinds of finishing work. Made in three weights, Single Thick, Double Thick, and Triple Thick.

Width.....	1"	1 $\frac{1}{2}$ "	2"	2 $\frac{1}{2}$ "	3"
Length of Hair:					
X Single Thick	1 $\frac{5}{16}$ "	1 $\frac{1}{2}$ "	1 $\frac{5}{8}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "
XX Double Thick	1 $\frac{7}{16}$ "	1 $\frac{9}{16}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2"
XXX Triple Thick	1 $\frac{9}{16}$ "	1 $\frac{11}{16}$ "	1 $\frac{7}{8}$ "	2"	2 $\frac{1}{8}$ "

AUTO AND FINE FINISHING BRUSHES



No. 140. BADGER FLOWING BRUSHES

Pure Badger Casing, Mixed Badger Middles, Vulcanized in Rubber. An excellent brush for Fine Finishing Work. Made Double and Triple Thick.

Width..... 1" 1½" 2" 2½" 3"

Length of Bristles:

XX Double Thick 1½" 1⅝" 1⅞" 2" 2⅜"

XXX Triple Thick 1⅜" 1⅝" 1⅞" 2" 2⅜"

No. 141. XX OX HAIR FLOWING BRUSHES

Pure Ox Hair, Double Thick, Vulcanized in Rubber. One of the finest Flowing Varnish Brushes made.

Width..... 1" 1½" 2" 2½" 3"

Length of Hair 1⅜" 1⅞" 1⅞" 1⅞" 1¾"

No. 142. EXTRA CAMEL HAIR MOTTLER

Pure Siberian Squirrel Hair, Single Thick, Vulcanized Setting, Nickel Ferrules, Cedar Handles. Used extensively in the Shoe Trade, as well as the Paint Trade.

Width..... ½" ¾" 1" 1½" 2" 2½" 3"

Length of Hair 1⅞" 1" 1⅞" 1⅞" 1⅞" 1⅞" 1⅞"

No. 1425. GOAT HAIR MOTTLER

Pure Black Goat Hair, Single Thick, Vulcanized Setting, Nickel Ferrules, Cedar Handles. An inexpensive brush for the Shoe Trade. Used also as an inexpensive Lacquer Brush.

Width..... ½" ¾" 1" 1½" 2" 2½" 3"

Length of Hair ⅞" 1⅞" 1⅞" 1⅞" 1⅞" 1⅞" 2⅞"

No. 143. XX CAMEL HAIR COLOR BRUSHES

Pure Siberian Squirrel Hair, Double Thick, Vulcanized Setting, Brass Ferrules, Cedar Handles.

Width..... ½" ¾" 1" 1½" 2" 2½" 3"

Length of Hair 1" 1" 1⅞" 1⅞" 1⅞" 1⅞" 1⅞"

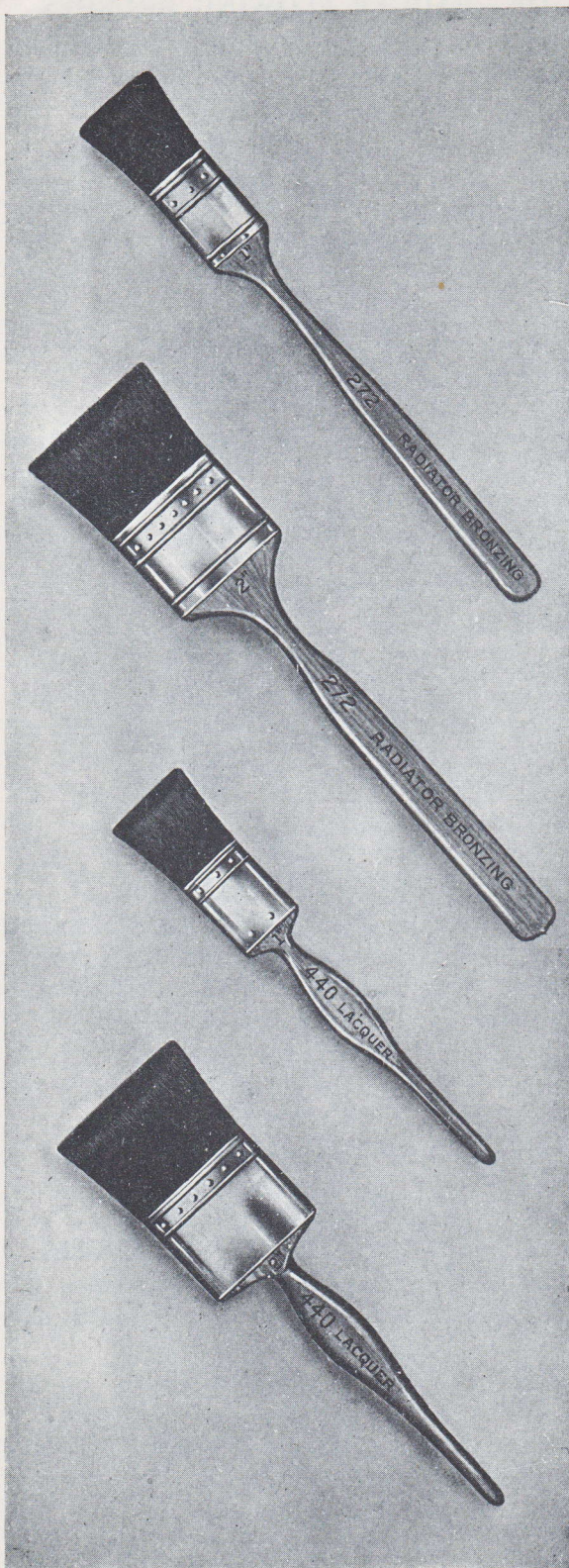
No. 145. XX OX HAIR COLOR BRUSHES

Siberian Ox Hair, Perfectly Chiselled, Vulcanized in Rubber. Guaranteed to produce the best results in either color or lacquer work.

Width..... 1" 1½" 2" 2½" 3"

Length of Hair 1⅞" 1⅞" 2" 2⅞" 2¼"

BRONZING AND LACQUER BRUSHES



No. 272. RADIATOR BRONZING BRUSHES

Pure Black Goat Hair, Chiselled, Vulcanized Setting, Tin Ferrules, Plain Half-Round White-wood Handles. Packed twelve in a box. Used for applying Gold or Aluminum Paint to Radiators. Also used to apply all quick drying Lacquers.

Size.....	1"	1½"	2"	2½"	3"
Length of Hair	1¼"	1½"	1⅝"	1¾"	2"

No. 440. LACQUER BRUSHES

Pure Black Goat Hair, Chiselled, Vulcanized Setting, Tin Ferrules, Natural Lacquered Handles. This brush has been put under test in the Laboratories of several manufacturers of quick drying lacquers, and has satisfactorily passed every test in the high powered chemicals that enter into the manufacture of present day lacquers. The brushes are being used by manufacturers' demonstrators throughout the country. For flowing quality this brush is unexcelled. Packed one dozen in a box.

These brushes are also supplied in convenient display assortment boxes. See No. 8908 "Spencer" Lacquer Brush Assortment, illustrated and described under "Brushes, Carded and Assorted".

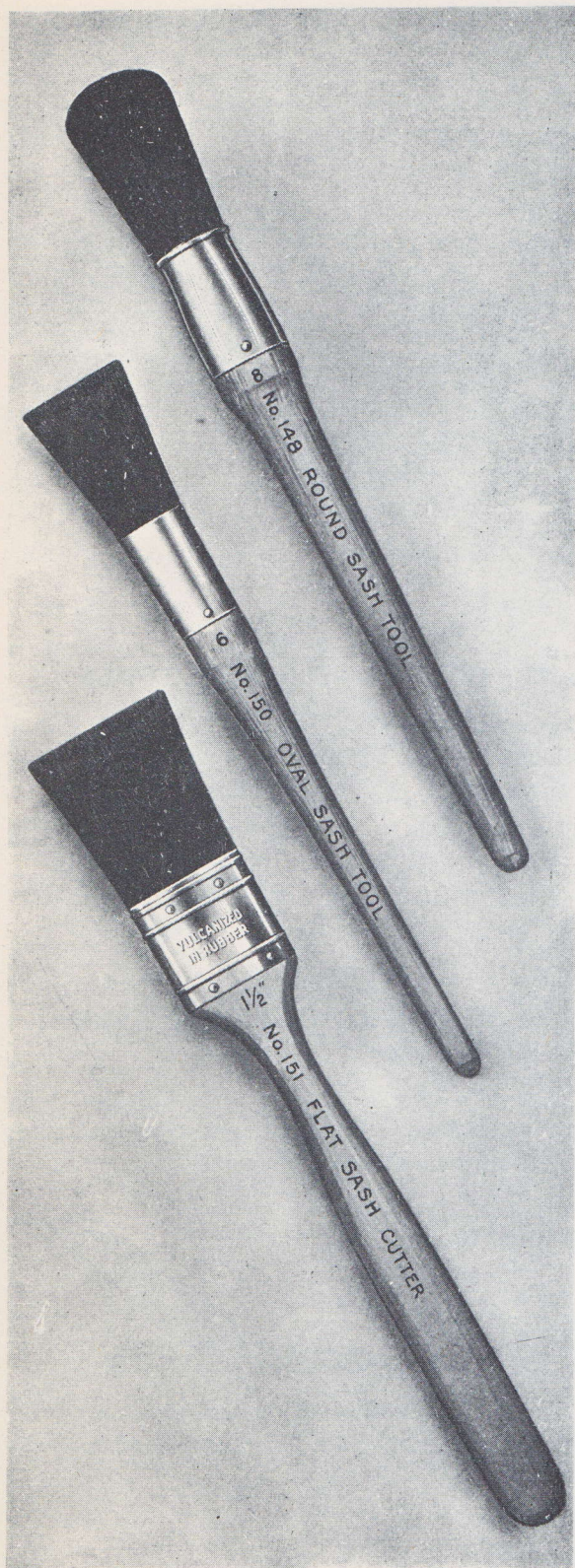
Size.....	1"	1½"	2"	2½"	3"
Length of Hair	1¼"	1½"	1⅝"	1¾"	2"

No. 660. FOUR HOUR ENAMEL OR PAINT BRUSHES

A special brush designed for applying the new Four Hour Enamels, Lacquers, and Quick Drying Varnishes. Made Double Thick, of Choicest White French Bristles, with a Deep Chisel. In Nickel Plated Ferrules, on French Blue Lacquered Handles. The delightful combination of the French White Bristles and the Bright Blue Handles with the Mirror-Like Nickel Ferrules, makes an irresistible appeal to the feminine buyers. Placed on the counter these brushes will sell themselves.

Size.....	1"	1½"	2"
Length of Bristles	1⅞"	2"	2⅞"

SASH AND CUTTER PAINT BRUSHES



No. 148. ROUND SASH TOOL BRUSHES

Made of Extra Fine Black Chinese Bristles, Seamless Steel Ferrules, Vulcanized in Rubber, Clear Lacquered Handles. Packed 1 dozen in box.

Size.....	2	4	6	8	10
Diameter.....	$\frac{1}{2}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{3}{16}$ "
Length of Bristles	$1\frac{3}{4}$ "	$1\frac{7}{8}$ "	$2\frac{3}{16}$ "	$2\frac{3}{8}$ "	$2\frac{5}{8}$ "

No. 150. OVAL SASH TOOL BRUSHES

Made of Extra Fine Black China Bristle, Vulcanized in Rubber, Seamless Steel Ferrules, Clear Lacquered Handles, Packed 1 dozen in box.

Size.....	1	2	3	4	5	6
Width.....	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{11}{16}$ "	$\frac{13}{16}$ "	$\frac{15}{16}$ "	1"
Length of Bristles	$1\frac{1}{2}$ "	$1\frac{9}{16}$ "	$1\frac{11}{16}$ "	$1\frac{7}{8}$ "	$1\frac{15}{16}$ "	2"

Size.....	7	8	9	10	12
Width.....	$1\frac{1}{16}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{1}{2}$ "
Length of Bristles	$2\frac{1}{16}$ "	$2\frac{3}{16}$ "	$2\frac{5}{16}$ "	$2\frac{7}{16}$ "	$2\frac{5}{8}$ "

No. 151. FLAT SASH CUTTER BRUSHES

Made of Extra Fine Quality Black China Bristles, Vulcanized in Rubber, Nickel Ferrules, Clear Lacquered Handles. Packed 1 dozen in box.

Width.....	1"	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "
Length of Bristles	$2\frac{1}{8}$ "	$2\frac{1}{4}$ "	$2\frac{1}{2}$ "	$2\frac{3}{4}$ "

NOTE: Cheap brushes are usually the most expensive in the long run. For the best results and the greatest satisfaction we recommend the purchase of good brushes and the giving of better care to them. More brushes are actually wasted than are actually worn out in use. Select your brushes with the thought in mind that they are actually "tools" and no one can do proper work without satisfactory tools.

If you do not know what brush to select for a particular job advise us of the nature of the work and we will recommend a brush that will do the work properly and to the best advantage.

WATER TOOL AND GASOLINE BRUSHES



No. 91. RUSSIAN BRISTLE WATER TOOLS

Made of Pure Grey Russia Bristle, trimmed to a point, Round Seamless Nickel Ferrules, Clear Lacquered Handles.

Diameter..... $1\frac{5}{8}$ "
Length of Bristles $3\frac{1}{2}$ "

No. 92. STUMP BRISTLE WATER TOOLS

Made of Stiff Paint Stumps, Dome Top, Round Seamless Nickel Ferrules, Plain Handles.

Size..... 8 10
Diameter..... 1" $1\frac{3}{16}$ "
Length of Bristles $2\frac{3}{4}$ " $2\frac{7}{8}$ "

No. 93. CORK FLOAT WATER TOOLS

Made of Stiff Paint Stumps, Dome Top, Round Seamless Nickel Ferrules, Fitted with Cork instead of Handle.

Size..... 7 8
Diameter..... $\frac{7}{8}$ " 1"
Length of Bristles $2\frac{3}{4}$ " $2\frac{7}{8}$ "

No. 94. GASOLINE OR AUTO CLEANING BRUSHES

Made of Stiff Paint Stumps, Tin Ferrules, Long Polished Handles. Especially adapted for cleaning around Automobiles and Engines.

Width..... 2"
Length of Bristles $2\frac{1}{2}$ "

No. 95. OVAL GASOLINE BRUSHES

Made Extra Stiff Black China Bristles, Vulcanized in Rubber, Seamless Steel Ferrules, Clear Lacquered Handles.

Width..... $1\frac{1}{2}$ "
Length of Bristles 2"

STIPLING, PAPERHANGERS' PASTE, SHIP SEAM BRUSHES

No. 153. STIPLING BRUSHES

Pure Grey Russia Bristles, carefully straightened, and wire fastened in special Hardwood Blocks. Block Buffed to a Natural Polish. Properly cared for, these brushes can last a lifetime. Packed in Individual Boxes.

Size.....	0	1	3
Dimension of Block	6 x 2 $\frac{3}{4}$ "	8 x 3 $\frac{1}{2}$ "	9 x 3 $\frac{9}{16}$ "
Length of Bristles	2 $\frac{3}{4}$ "	3"	3 $\frac{1}{4}$ "
Weight per Brush.			

No. 164. PAPERHANGERS' PASTE BRUSHES

Long Grey Russian Bristles, Vulcanized in Rubber, Galvanized Bands, Clear Lacquered Handles.

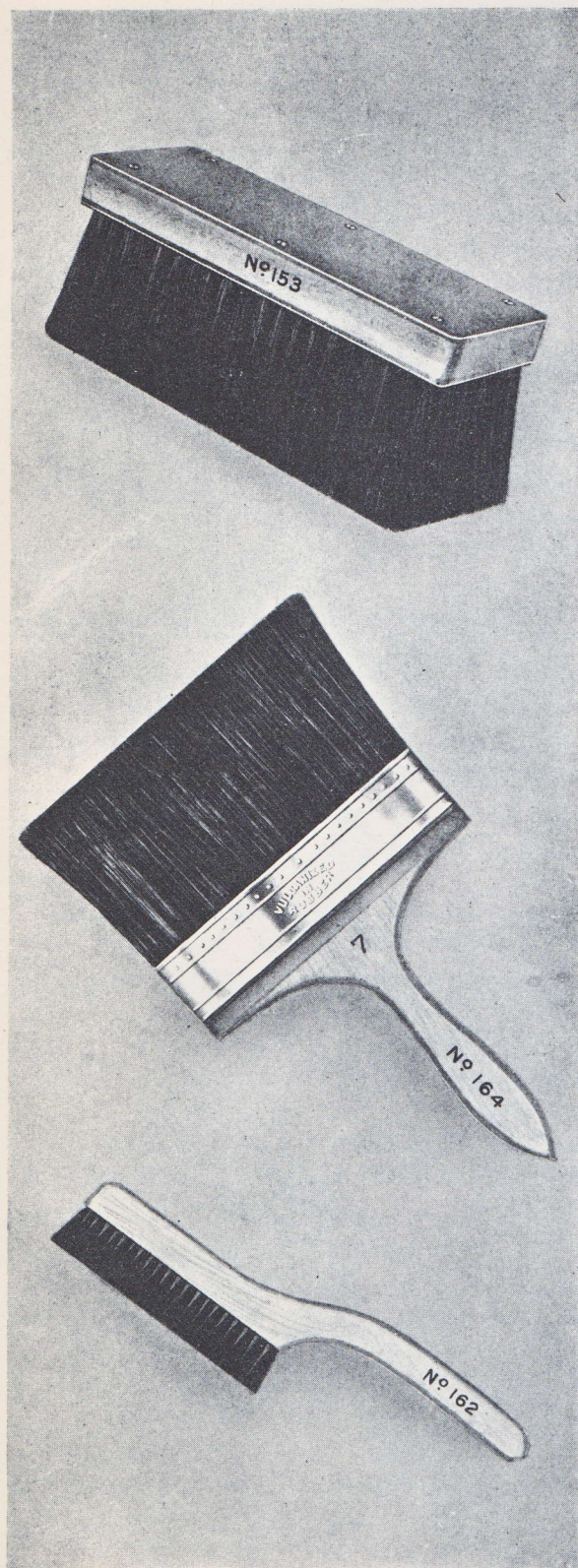
Width.....	7"	8"
Length of Bristles	4 $\frac{3}{8}$ "	4 $\frac{3}{8}$ "

No. 162. SHIP SEAM BRUSHES

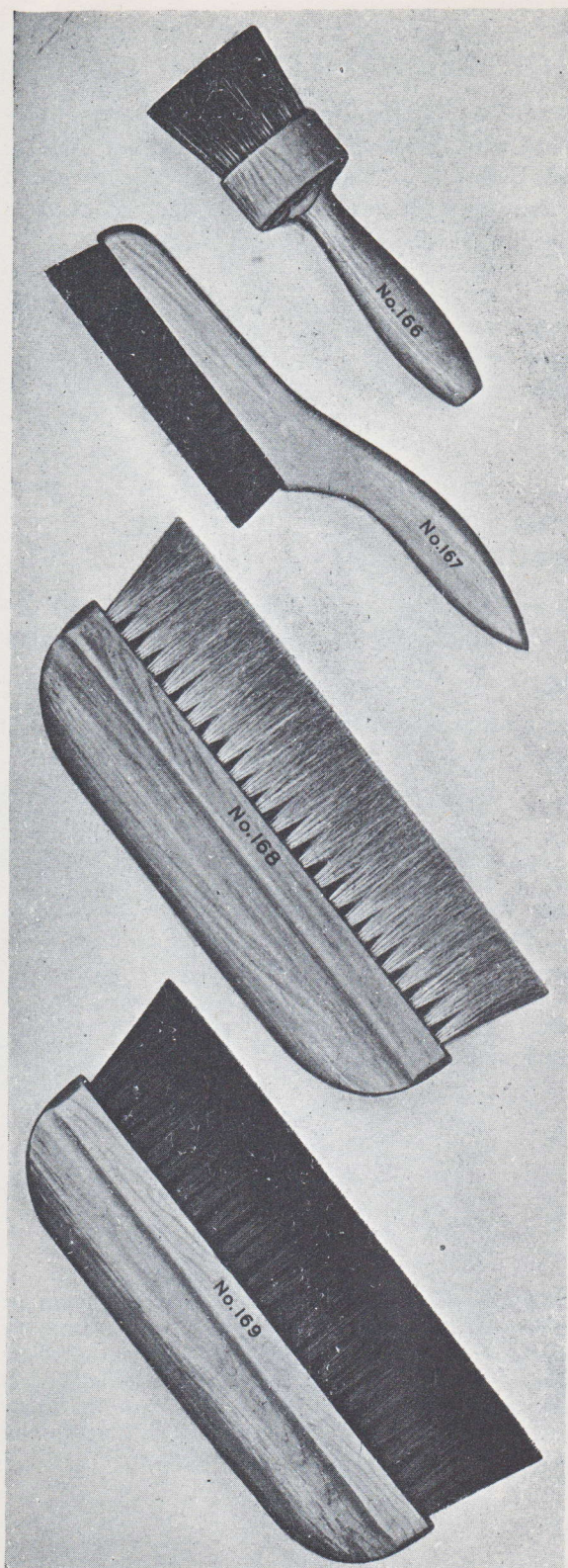
One Row of High Grade Bristles, Wire Drawn into Plain Hardwood Handles. For use with Heavy Paint, Hot Tar or Pitch.

Width.....	4"	5"	6"
Length of Bristles	1"	1"	1"

NOTE: All paint or varnish brushes should be carefully washed out at the end of the day. Hang the bristle part downward to dry out. Never allow the weight of the brush to rest on the bristle whether wet or dry, as this will bend the bristle. Once the bristle is bent it is almost impossible to straighten it again and such a brush would be unfit for further use.



FURNITURE RUBBING AND PAPERHANGERS' BRUSHES



FURNITURE RUBBING BRUSHES

No. 166. ROUND FURNITURE RUBBING BRUSHES

Made of Stiff Grey Russia Bristles, Brass Wire Drawn, Plain Hardwood Block.

Diameter of Block 1 $\frac{7}{8}$ "
 Length of Bristles 1 $\frac{1}{2}$ "
 Length of Brush Overall 6 $\frac{3}{4}$ "

No. 167. SHOE HANDLE FURNITURE RUBBING BRUSH

Made of Stiff Chinese Bristles, Staple Set, Four Rows Wide, Plain Hardwood Block.

Length of Bristles 1"
 Length of Brushpart .. 5"
 Length of Brush Overall 10"

PAPERHANGER SMOOTHING BRUSHES

No. 157. WHITE TAMPICO PAPERHANGERS' SMOOTHING BRUSHES

Selected White Fibre, Two Rows, Staple Set, Natural Polished Block.

Size 10" 12"
 Length of Bristles 2" 2"

No. 161. BLACK HAIR PAPERHANGERS' SMOOTHING BRUSHES

Extra Stiff Black Hair, Two Rows, Staple Set, Natural Polished Block.

Size 10" 12"
 Length of Bristles 2 $\frac{1}{4}$ " 2 $\frac{1}{4}$ "

No. 168. YELLOW RUSSIA BRISTLE PAPERHANGERS' SMOOTHING BRUSHES

Pure Yellow Russian Bristle, Very Elastic. Two Rows. Staple Set, Natural Polished Block.

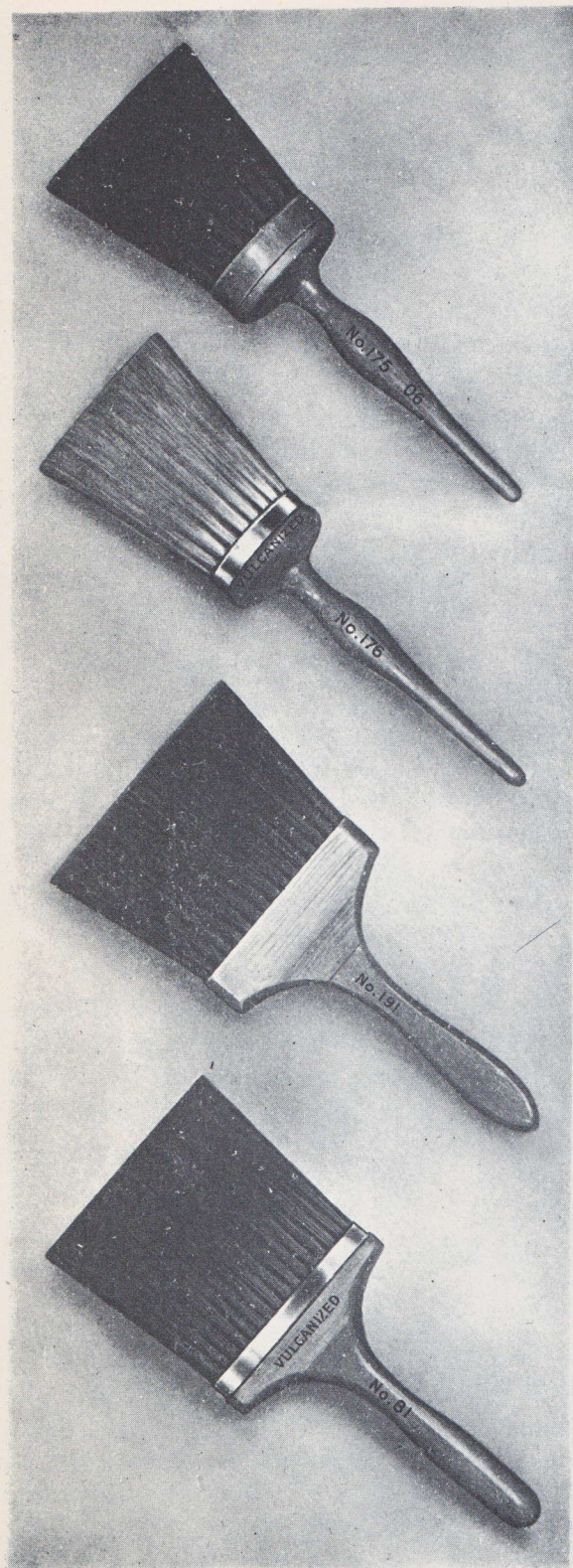
Size 10" 8"
 Length of Bristles 1 $\frac{7}{8}$ " 1 $\frac{7}{8}$ "

No. 169. BLACK BRISTLE PAPERHANGERS' SMOOTHING BRUSHES

Pure Black China Bristle, Very Stiff, Three Rows, Staple Set, Natural Polished Block.

Size 10" 12" 14"
 Length of Bristles 2" 2 $\frac{1}{4}$ " 2 $\frac{1}{4}$ "

PAINTERS' DUSTERS



ROUND PAINTERS' DUSTERS

No. 156. MIXED HAIR PAINTERS' DUSTERS

Black Hair Casing with Black Fibre Center, Stapled, Set in Plain Wood Handle. Made in One Size Only.

Diameter..... $2\frac{1}{2}$ "
Length of Hair $3\frac{3}{8}$ "

No. 175. BLACK BRISTLE PAINTERS' DUSTERS

Black Chinese Bristles, Set in Cement, Red Polished Handles.

Size.....	05	06	07	08
Diameter.....	$2\frac{3}{8}$ "	$2\frac{3}{8}$ "	$2\frac{3}{8}$ "	$2\frac{3}{8}$ "
Length of Bristles	$3\frac{3}{8}$ "	$3\frac{5}{8}$ "	$3\frac{7}{8}$ "	$4\frac{1}{8}$ "

No. 176. BRASS BOUND WHITE BRISTLE PAINTERS' DUSTERS

Selected White Bristles, Vulcanized in Rubber, Brass Ferrules, Natural Polished Handles, Made in one size only.

Diameter..... $2\frac{1}{2}$ "
Length of Bristles 4"

FLAT PAINTERS' DUSTERS

No. 191. MIXED HAIR PAINTERS' DUSTERS

Extra Quality Black Hair Casing, Mixed Hair Center, Staple Set, In Natural Polished Handles.

Width..... $4\frac{3}{8}$ "
Length of Hair $4\frac{1}{2}$ "

No. 81. BRASS BOUND BLACK BRISTLE PAINTERS' DUSTERS

Finest Black Chinese Bristles, Vulcanized in Rubber, Brass Ferrule, Natural Polished Handles.

Width..... 4"
Length of Bristles $3\frac{3}{4}$ "

No. 82. BRASS BOUND BLACK BRISTLE PAINTERS' DUSTERS

Extra Long Black Chinese Bristles, Vulcanized in Rubber, Brass Ferrules, Natural Polished Handles.

Width..... 4"
Length of Bristles $4\frac{1}{4}$ "

No. 83. BRASS BOUND GREY BRISTLE PAINTERS' DUSTERS

Extra Long Grey Russia Bristles, Vulcanized in Rubber, Brass Ferrules, Natural Polished Handles.

Width..... 4"
Length of Bristles $4\frac{1}{4}$ "

Carded &
Boxed
Brushes

Artists'
Brushes

Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glue
Paints,
& Oil
Brushes

Floor,
Counter &
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Washers'
Brushes

Brooms

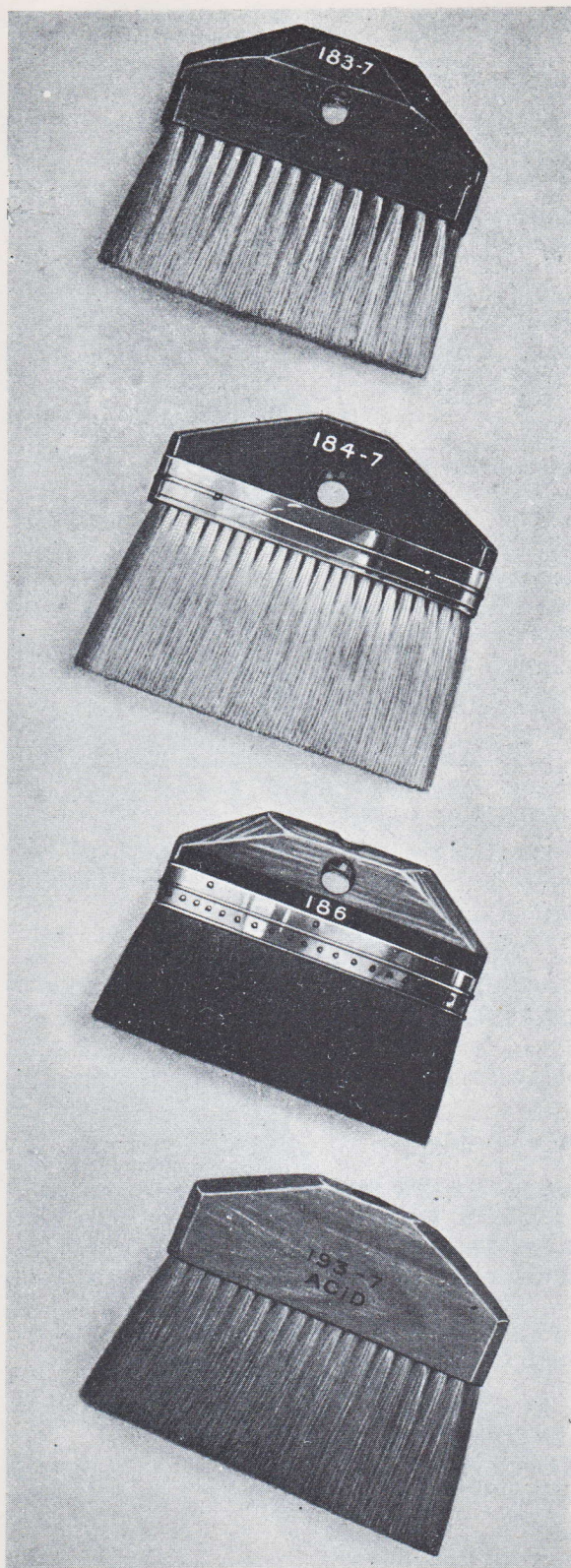
Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Truck
Brushes

Auto
Washers

Auto
Washers

WHITEWASH AND MASONS' ACID BRUSHES



No. 183. WHITE TAMPICO FIBRE WHITEWASH BRUSHES

Best Grade White Tampico Fibre, Three Rows, Staple Set, Yellow Polished Blocks. A Short Handle 11" long, supplied with each Brush.

Size.....	6"	7"	8"	9"
Length of Fibre	$2\frac{7}{8}"$	$2\frac{7}{8}"$	$2\frac{7}{8}"$	$2\frac{7}{8}"$

No. 184. MIXED HAIR WHITEWASH BRUSHES

Grey Hair and Fibre Mixed, Five Rows, Staple Set, Nickel Bands, Red Polished Blocks. A Short Handle, 11" long supplied with each Brush.

Size.....	6"	7"	8"	9"
Length of Hair	$3\frac{3}{4}"$	$3\frac{3}{4}"$	$3\frac{3}{4}"$	$3\frac{3}{4}"$

No. 185. MIXED BRISTLE WHITEWASH BRUSHES

Grey Bristle Casing, Yellow Bristle Center, Cement Set, Nickelled Tin Ferrules, Natural Polished Block with Red Stripe. A Short Handle, 11" long supplied with each Brush.

Size.....	6"	7"	8"	9"
Length of Bristles	$2\frac{1}{2}"$	$2\frac{3}{4}"$	3"	$3\frac{1}{4}"$

No. 186. PURE BLACK BRISTLE WHITE- WASH BRUSHES

Finest Black Chinese Bristles, Cement Set, Nickel Bands, Natural Polished Block, With Red Stripe. A Short Handle, 11" long supplied with each Brush.

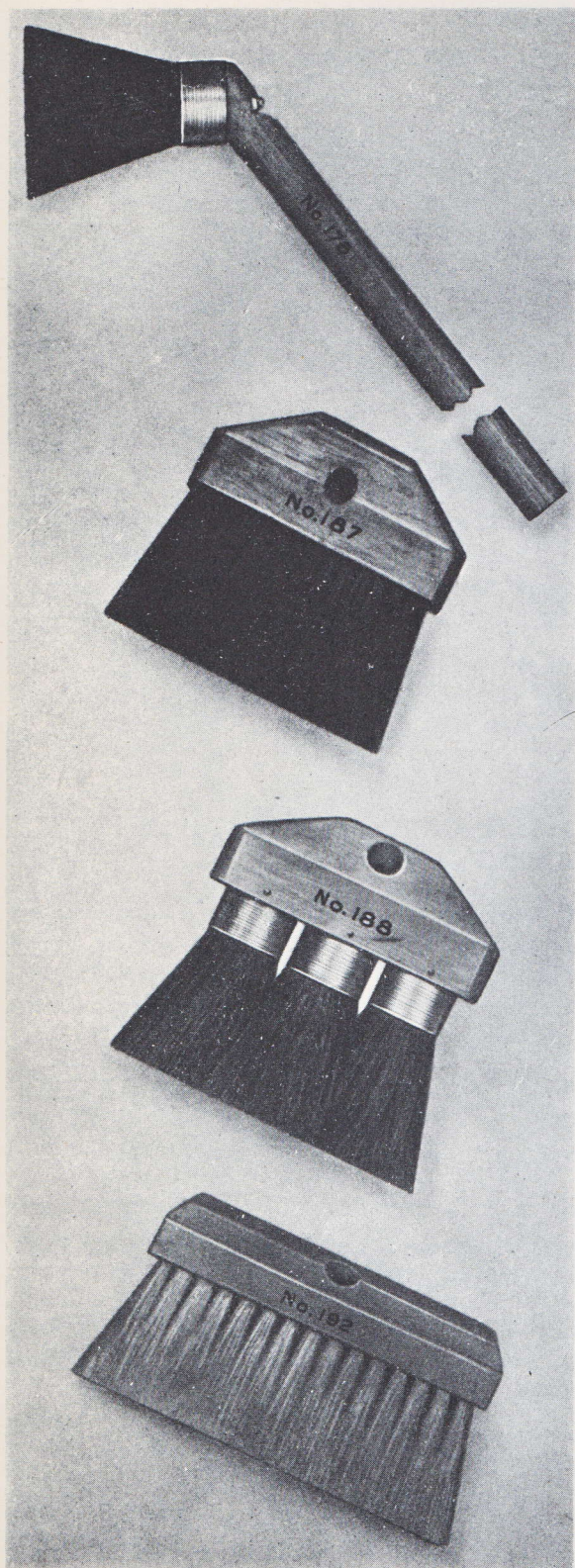
Size.....	6"	7"	8"	9"
Length of Bristles	$2\frac{3}{4}"$	$2\frac{3}{4}"$	3"	$3\frac{1}{4}"$

No. 193. MASONS' ACID OR LIME BRUSHES

Specially Prepared Tough White Tampico Fibre, Three Rows, Staple Set, Plain Hardwood Blocks. A Short Handle 11" long supplied with each brush.

Size.....	6"	7"	8"
Length of Fibre	$3\frac{3}{8}"$	$3\frac{3}{8}"$	$3\frac{3}{8}"$

ROOFERS' PAINT AND TAR BRUSHES



No. 177. SHORT HANDLE ROUND TAR BRUSHES

Mixed Grey Bristles, Plain Hardwood Handles $8\frac{1}{2}$ " long, Cement Set, Wire Wound Ferrule.

Diameter..... 2"

Length of Bristles 3"

No. 178. LONG HANDLE ROUND TAR BRUSHES

Mixed Grey Fibre, Plain Hardwood Handles, 48" long, Cement Set, Wire Wound Ferrule.

Diameter..... 2"

Length of Fibre 3"

No. 187. BLACK FIBRE ROOF BRUSHES

Strong Black Fibre, Five Rows, Chiselled End, Staple Set, Natural Polished Block. No Handles supplied unless specified, and at additional cost.

Width..... 6"

Length of Fibre $3\frac{1}{2}$ "

No. 188. MULTIPLE KNOT FIBRE ROOF BRUSHES

Selected Grey Fibre, Cement Set, Wire Wound Ferrule, Plain Hardwood Blocks. No Handles supplied unless specified, and at additional cost.

Size..... 2 Knot 3 Knot 4 Knot

Length of Fibre $3\frac{3}{8}$ " $3\frac{3}{8}$ " $3\frac{3}{8}$ "

No. 190. MULTIPLE KNOT BRISTLE ROOF BRUSHES

Black Bristle Casing, Mixed Grey Bristle Center, Cement Set, Wire Wound Ferrule, Plain Hardwood Blocks. No Handles supplied unless specified, and at additional cost.

Size..... 2 Knot 3 Knot 4 Knot

Length of Bristles $3\frac{5}{8}$ " $3\frac{5}{8}$ " $3\frac{5}{8}$ "

No. 192. WHITE FIBRE ROOFERS' TAR BRUSHES

Selected White Tampico Fibre, Staple Set, Six Rows, Plain Hardwood Blocks. No Handles supplied unless specified, and at additional cost.

Length of Block 8"

Width of Block $2\frac{3}{4}$ "

Length of Fibre $3\frac{3}{8}$ "

Carded &
Boxed
Brushes

Artists'
Brushes

Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glue
Paints,
& Oil
Brushes

Floor,
Counter &
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Moulders'
Brushes

Brooms

Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Truck
Brushes

Auto
Wash
Brushes

Auto
Wash
Brushes

KALSOMINE BRUSHES



No. 179. WHITE FIBRE KALSOMINE BRUSHES

Selected White Tampico Fibre, Staple Set, Brass Finished Tin Bands, Plain White Wood Handles. Very durable and practical for Rough Building and Cellar work.

Size.....	6"	7"	8"
Length of Fibre	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "

No. 194. MIXED WHITE FIBRE AND HAIR KALSOMINE BRUSHES

White Tampico Fibre Casing, Mixed Fibre and Hair Center, Cement Set, Nickelled Tin Bands. Natural Polished Handles. Good for Rough Work.

Size.....	6"	7"	8"
Length of Hair	3 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "

No. 181. MIXED BLACK BRISTLE KALSOMINE BRUSHES

Selected Black Chinese Bristle Casing, Middle Mixture of Black Chinese Bristles and Hair. Vulcanized in Rubber, Nickel Plated Ferrules, Natural Polished Handles. A good brush for around the house.

Size.....	6"	7"	8"
Length of Bristles	3 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	3 $\frac{3}{4}$ "

No. 182. PURE BLACK CHINESE BRISTLE KALSOMINE BRUSHES

Pure Black Chinese Bristles, Vulcanized in Rubber, Nickel Plated Ferrules, Natural Polished Handles. A favorite in the Industrial Trade.

Size.....	6"	7"	8"
Length of Bristles	3 $\frac{3}{4}$ "	4"	4 $\frac{1}{4}$ "

KALSOMINE BRUSHES

No. 195. DUTCH KALSOMINE BRUSHES

Choicest Pure Grey Russia Bristles, Vulcanized in Rubber, Brass Bands, Special Light-weight Block, and Handle, Natural Polished. This style brush has an unusual capacity.

Size.....	10	20	30	40	50
Dimens'n of Block	$7\frac{1}{4} \times 1\frac{1}{4}$	$7\frac{1}{4} \times 1\frac{1}{4}$	$7\frac{1}{4} \times 1\frac{1}{4}$	$7\frac{1}{4} \times 1\frac{1}{4}$	$7\frac{1}{4} \times 1\frac{1}{4}$
Length of Bristles	4"	$4\frac{1}{4}"$	$4\frac{1}{2}"$	$4\frac{3}{4}"$	5"

No. 196. PURE BLACK BRISTLE KALSOMINE BRUSHES

Selected Pur. Black Chinese Bristles, Vulcanized in Rubber. Galvanized Iron Bands, Plain Finished Hardwood Handles.

Size.....	7"
Length of Bristles	$4\frac{1}{2}"$

No. 197. EXTRA LONG PURE BLACK BRISTLE KALSOMINE BRUSHES

Long Pure Black China Bristles, Vulcanized in Rubber, Galvanized Iron Bands, Plain Finished Hardwood Handles.

Size.....	7"
Length of Bristles	$5\frac{1}{2}"$

No. 198. EXTRA RUSSIA BRISTLE KALSOMINE BRUSHES

Pure Yellow Russian Bristle Casing, Middle of Grey Russia Bristle, Vulcanized in Rubber, Galvanized Iron Bands, Plain Finished Hardwood Handles. A Master Painter's Brush of the first order.

Size.....	7"
Length of Bristles	$5\frac{3}{8}"$

No. 199. EXTRA EXTRA RUSSIA BRISTLE KALSOMINE BRUSHES

Pure Yellow Russian Bristle Casing, Middle of Grey Russian Bristle, Extra Heavily Filled, Vulcanized in Rubber, Galvanized Iron Bands, Plain Finished Hardwood Handles. A brush that will satisfy the demands of the most critical professional user.

Size.....	7"
Length of Bristles	$5\frac{1}{2}"$



BRUSHES, CARDED AND ASSORTED



No. 8901. "DERBY" OVAL CAMEL HAIR LACQUERING OR BRONZING BRUSHES

Polished Green Handles, Nickel Ferrules. Size $\frac{5}{8}$ " Oval. Mounted one dozen on a card. Packed 12 cards (one gross) in a box. Weight per box, $4\frac{1}{2}$ lbs.

BRUSHES, CARDED AND ASSORTED

Carded &
Boxed
Brushes

Artists'
Brushes

Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glue
Paste,
& Oil
Brushes

Floor,
Counter &
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Moulders'
Brushes

Brooms

Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Carpet &
Household
Brushes

Paint
Brushes

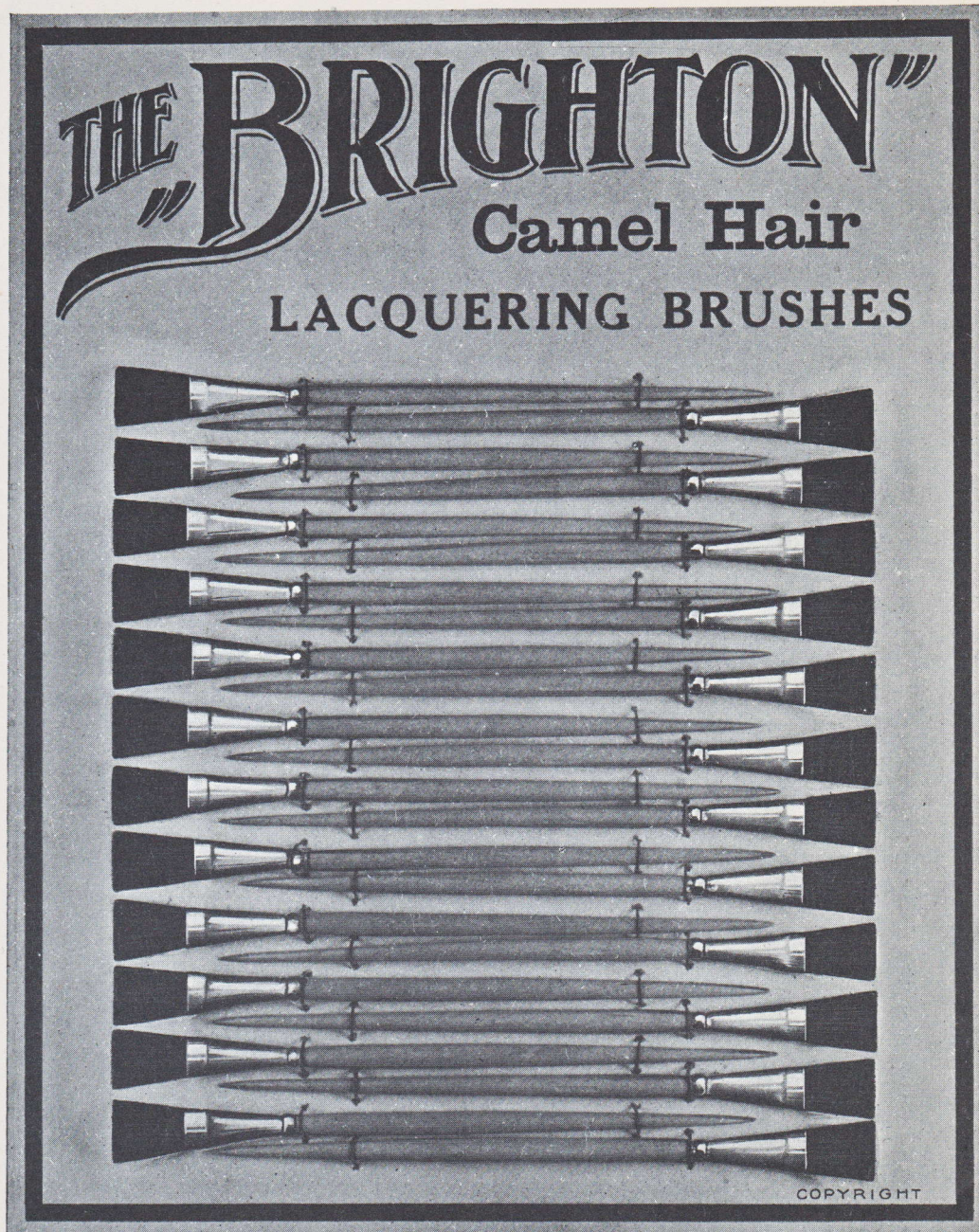
Paint
Brushes



No. 8951. "RAINBOW" OVAL CAMEL HAIR LACQUERING OR BRONZING BRUSHES

Multi-color Brilliantly Lacquered Handles, Assorted in Bright Red, Blue, Yellow and Green. Soft Black Hair, Tin Ferrules. Size $\frac{5}{8}$ " Oval. Mounted one dozen on a card. Packed 12 cards (one gross) in a box. Weight per box, $4\frac{1}{2}$ lbs.

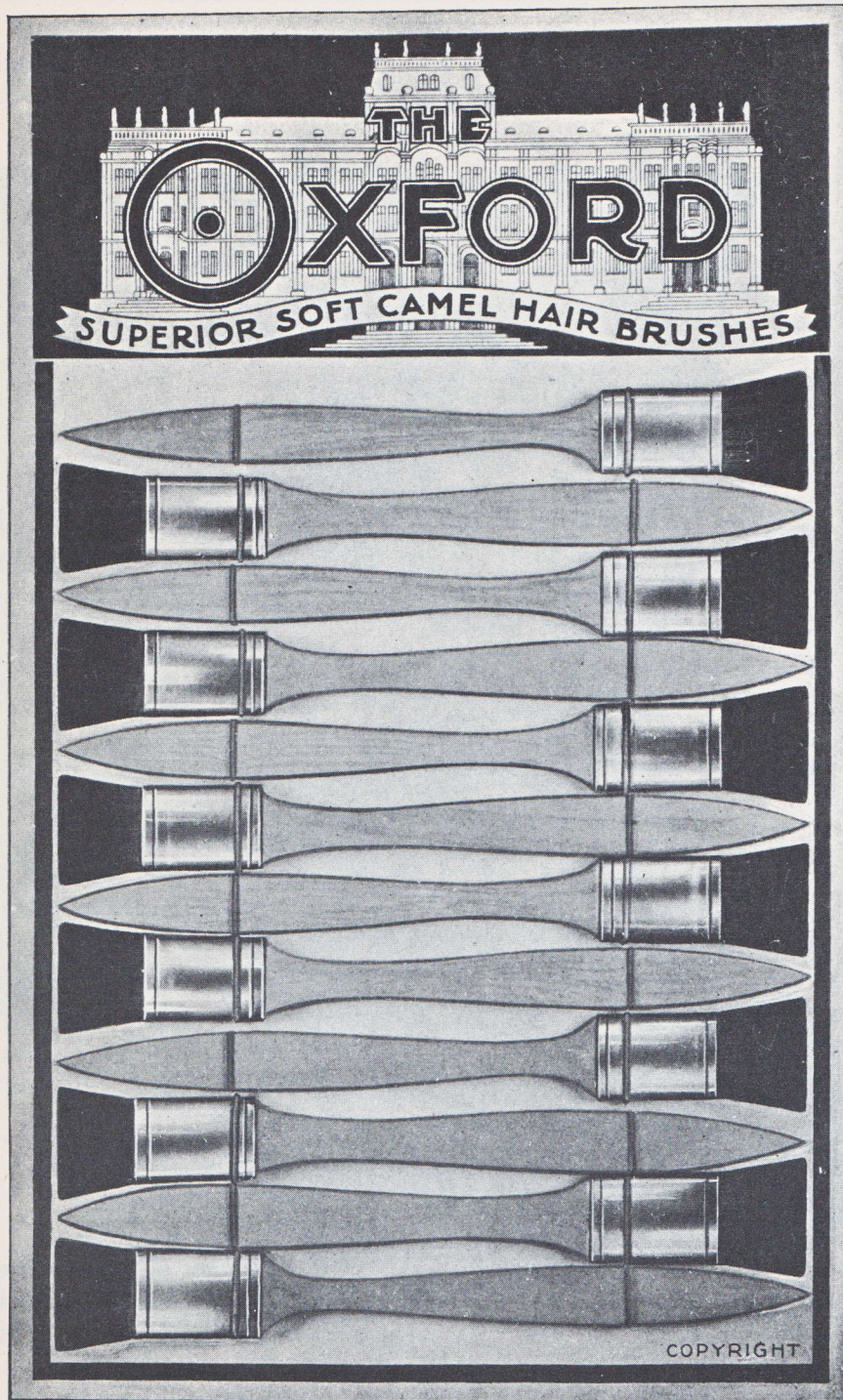
BRUSHES, CARDED AND ASSORTED



No. 8902. "BRIGHTON" CAMEL HAIR LACQUERING BRUSHES

Two Tone Assortment, Brilliantly Lacquered Orange and Black Handles, Tin Ferrules, Soft Black Hair. Size $\frac{7}{16}$ " wide. Mounted two dozen on a card. Packed 6 cards (one gross) in a box. Weight per box, 2 lbs.

BRUSHES, CARDED AND ASSORTED



No. 8904. "OXFORD" CAMEL HAIR BRONZING BRUSHES

Flat White Wood Handles, Tin Ferrules, Size 1" wide. Mounted one dozen on a card. Packed 12 cards (one gross) in a box. Weight per box, 5 lbs.

No. 8954. "PARADISE" CAMEL HAIR BRONZING BRUSHES

Multi-color Assortment. Handles Lacquered in Brilliant Red, Blue and Yellow. Soft Black Hair, Tin Ferrules, Size 1" wide. Mounted one dozen on a card. Packed 12 cards (one gross) in a box. Weight per box, 5 lbs.

Artists'
Brushes

Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glue
Paste,
& Oil
Brushes

Floor,
Counter &
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Counters &
Moulders'
Brushes

Brooms

Scrub,
Dairy &
Bakers'
Brushes

Shoe
Polish &
Brushes

Auto
Wax &
Brushes

Auto
Wax &
Brushes

THE BIG THREE
LACQUER BRUSH
ASSORTMENTS

DISPLAYED ON THE COUNTER THEY SELL THEMSELVES
THREE STYLES—EACH SERVES A SPECIAL PURPOSE

The “SPENCER” Assortment

Flat Lacquer Brushes, in widths of 1" to 3" wide. Recommended for large flat surfaces, such as Floors, Woodwork, Furniture, etc.

The “WARWICK” Assortment

Flat Lacquer Brushes, in widths of $\frac{3}{8}$ " to 1" wide. Recommended for smaller surfaces, such as Toys, Picture Frames, Vases, Flower Pots, etc.

The “WEBSTER” Assortment

Round Lacquer Brushes, in six different sizes. Specially recommended for Striping and Two-tone Designs, also for Touch-up Work in reed or rattan furniture.

These three assortments are illustrated in life-size photo-engravings, and described, on the following three pages.

BRUSHES, CARDED AND ASSORTED



No. 8908. "SPENCER" FLAT LACQUERING BRUSHES

Vulcanized Setting, Natural Polished Handles. The box contains $2\frac{1}{2}$ dozen brushes, one dozen 1" wide, one dozen $1\frac{1}{2}$ " wide, half dozen 2" wide. Net weight of box $2\frac{3}{4}$ pounds.

Artists'
Brushes

Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glass
Paste,
& Oil
Brushes

Floor,
Counter
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners'
Moulders'
Brushes

Brooms

Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

Auto
Wash-
ing

Auto
Wash-
ing

BRUSHES, CARDED AND ASSORTED



No. 8903. "WARWICK" FLAT LACQUERING BRUSHES

Orange polished handles. This assortment box contains six dozen brushes, one dozen each of sizes $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" wide. Net weight of box, $2\frac{1}{2}$ pounds.

No. 8925. "WARWICK" FLAT LACQUERING BRUSHES

Multi-color Assortment. Handles Brilliantly Lacquered in Red, Green, Yellow, Blue, Orange and Black. This box contains six dozen brushes, assorted sizes $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ " and 1" wide. Net Weight of box, $2\frac{1}{2}$ lbs.

BRUSHES, CARDED AND ASSORTED



No. 8907. "WEBSTER" ROUND LACQUERING BRUSHES

Multi-color Assortment. Handles Brilliantly Lacquered in Red, Green, Yellow, Blue, Orange and Black. Nickel Ferrules. This assortment box contains six dozen brushes, one dozen of each size, one to six. Net Weight of box, $2\frac{1}{2}$ lbs.

Artists'
Brushes

Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glue
Paste,
& Oil
Brushes

Floor,
Counter
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners
Moulder
Brushes

Brooms

Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

Indus-
trial
Brushes

Indus-
trial
Brushes

BRUSHES, CARDED AND ASSORTED



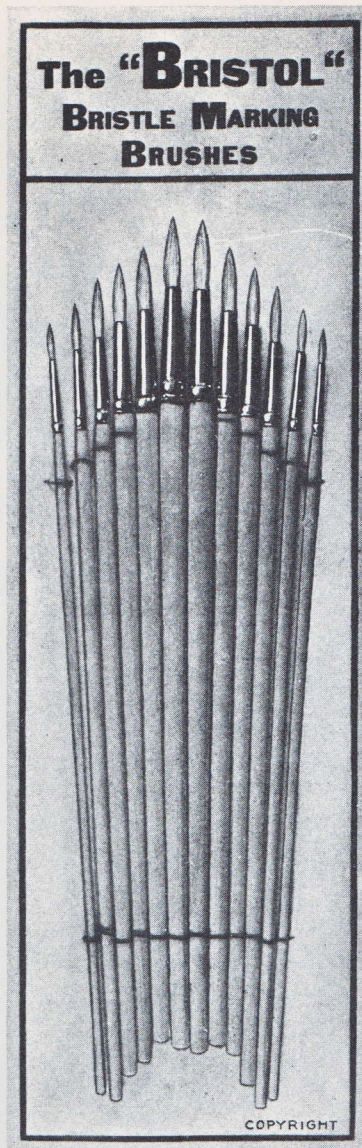
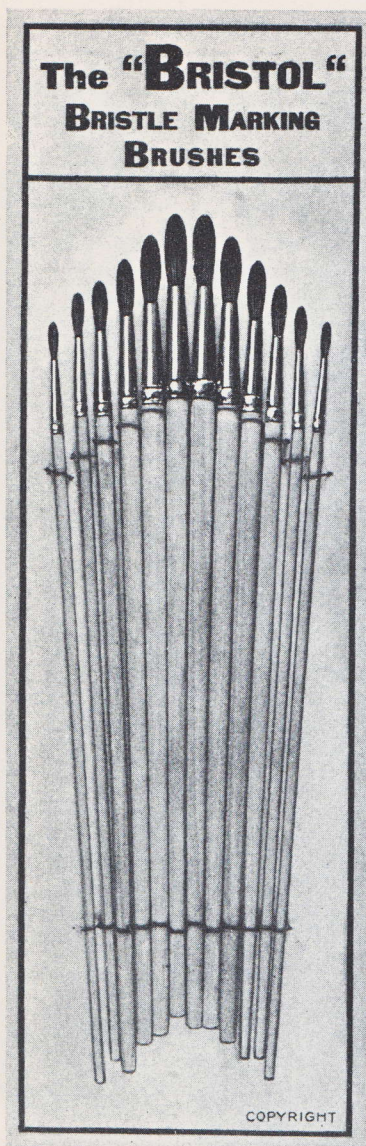
No. 8905. "STRATFORD" EXTRA QUALITY CAMEL HAIR MARKING BRUSHES

Multi-color Assortment. Handles Lacquered in Brilliant Orange, Green, Red and Blue. Mounted two dozen assorted sizes 1 to 4 on a card. Packed 6 cards (one gross) in a box. Weight per box, 4 lbs.

No. 8906. "STRATFORD" ORDINARY QUALITY CAMEL HAIR MARKING BRUSHES

Same specification as No. 8905, except made of a cheaper quality hair.

BRUSHES, CARDED AND ASSORTED



No. 8910. "BRISTOL" BLACK BRISTLE MARKING BRUSHES

Plain White Wood Handles. Mounted one dozen assorted sizes 1 to 6 on a card. Packed 12 cards (one gross) in a box. Weight per box, 3 pounds.

No. 8911. "BRISTOL" WHITE BRISTLE MARKING BRUSHES

Same specifications as No. 8910, except made of White Bristles.

No. 8969. BLACK BRISTLE MARKING BRUSH ASSORTMENT BOX

Contains one gross of assorted sizes of No. 2269 brushes, in an attractive assortment box. Each size in a separate compartment, two dozen of a size in a compartment. A very fine number for counter display.

No. 8970. WHITE BRISTLE MARKING BRUSH ASSORTMENT BOX

Same as No. 8969, except that the boxes contain No. 2270 White Bristle Marking Brushes.

Artists' Brushes

Sign-writers' Brushes

Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners' Moulders' Brushes

Brooms

Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

Index Alpha-Numerical

Index Numerical

BRUSHES, CARDED AND ASSORTED



No. 8914. "MANSFIELD" EXTRA WHITE BRISTLE MARKING BRUSHES

Maroon Polished Handles, Extra French White Bristles. Mounted two dozen assorted sizes 1 to 6 on a card. Packed 6 cards (one gross) per box. Weight per box 4 lbs.

BRUSHES, CARDED AND ASSORTED



No. 8917. WATER COLOR BRUSH ASSORTMENT

Polished Black Handles. Sizes assorted 1 to 6. Packed one gross in a Decorated Partitioned Display Box, with Celloglas Top. Weight per box, $1\frac{1}{4}$ pounds.

No. 8921. WATER COLOR BRUSH ASSORTMENT

Multi-color Assortment. Same as No. 8917 except Handles are Assorted in Brilliant Red, Green, Yellow, Blue, Orange and Black Lacquers.

Artists' Brushes

Sign-writers' Brushes

Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter & Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners & Moulders' Brushes

Brooms

Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

Indel Alpha-Indel

Indel Numerical

BRUSHES, CARDED AND ASSORTED



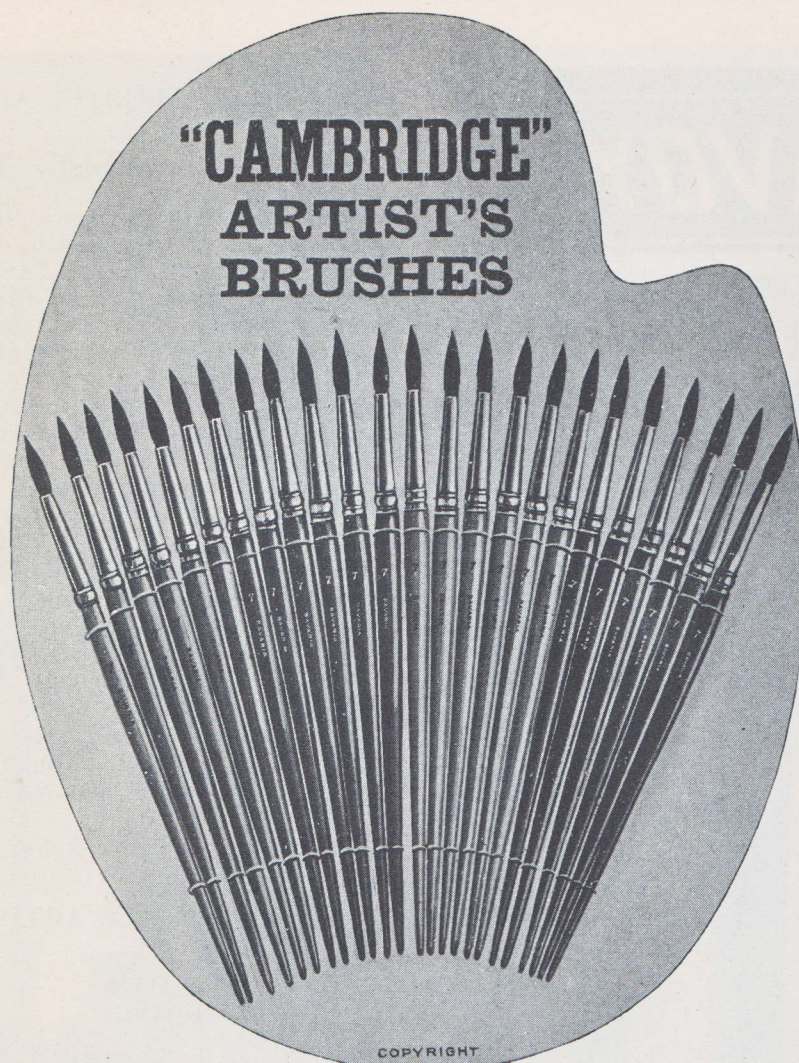
No. 8918. "CAMBRIDGE" CAMEL HAIR WATER COLOR BRUSHES

Polished Black Handles, mounted two dozen assorted sizes 1 to 6 on a card. Packed 6 cards (one gross) per box. Weight per box $1\frac{1}{4}$ pounds.

No. 8919. "CAMBRIDGE" CAMEL HAIR WATER COLOR BRUSHES

Same specifications as No. 8918, except brushes are all size No. 6 on a card. Packed 6 cards (one gross) per box. Weight per box $1\frac{3}{4}$ pounds.

BRUSHES, CARDED AND ASSORTED



WATER COLOR BRUSHES ON PALETTE CARDS

No. 8922. "CAMBRIDGE" PALETTE CARDS, CAMEL HAIR WATER COLOR BRUSHES

Multi-color Assortment. Handles Lacquered in Brilliant Red, Yellow, Blue and Green. Mounted two dozen assorted sizes 1 to 6 on a card. Packed 6 cards (one gross) per box. Weight per box, 1¼ lbs.

No. 8923. "CAMBRIDGE" PALETTE CARDS, CAMEL HAIR WATER COLOR BRUSHES

Same specifications as No. 8922, except brushes are all No. 6 on a card. Packed 6 cards (one gross) per box. Weight per box, 1¾ lbs.

No. 8924. "CAMBRIDGE" PALETTE CARDS, CAMEL HAIR WATER COLOR BRUSHES

Same specifications as No. 8922, except brushes are all No. 7 on a card. Packed 6 cards (one gross) per box. Weight per box, 2½ lbs.

WATER COLOR BRUSHES IN SCHOOL SETS

No. 8920. "SUPERIOR" SCHOOL SET, THREE WATER COLOR BRUSHES ON A CARD

One brush each of sizes 2, 4 and 6 mounted on a card. Multi-color Handles Lacquered Brilliantly in Blue, Yellow and Red. Packed 144 cards (3 gross of brushes) per box. Weight per box, 4½ lbs.

No. 9920. "SUPERIOR" SCHOOL SET, FOUR WATER COLOR BRUSHES ON A CARD

One brush each of sizes 2, 3, 4 and 5 mounted on a card. Multi-color Handles Brilliantly Lacquered in Green, Yellow, Red and Blue. Packed 144 cards (4 gross of brushes) per box. Weight per box, 5 lbs.

Artists'
Brushes

Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glue
Paste,
& Oil
Brushes

Floor,
Counter &
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Moulders'
Brushes

Brooms

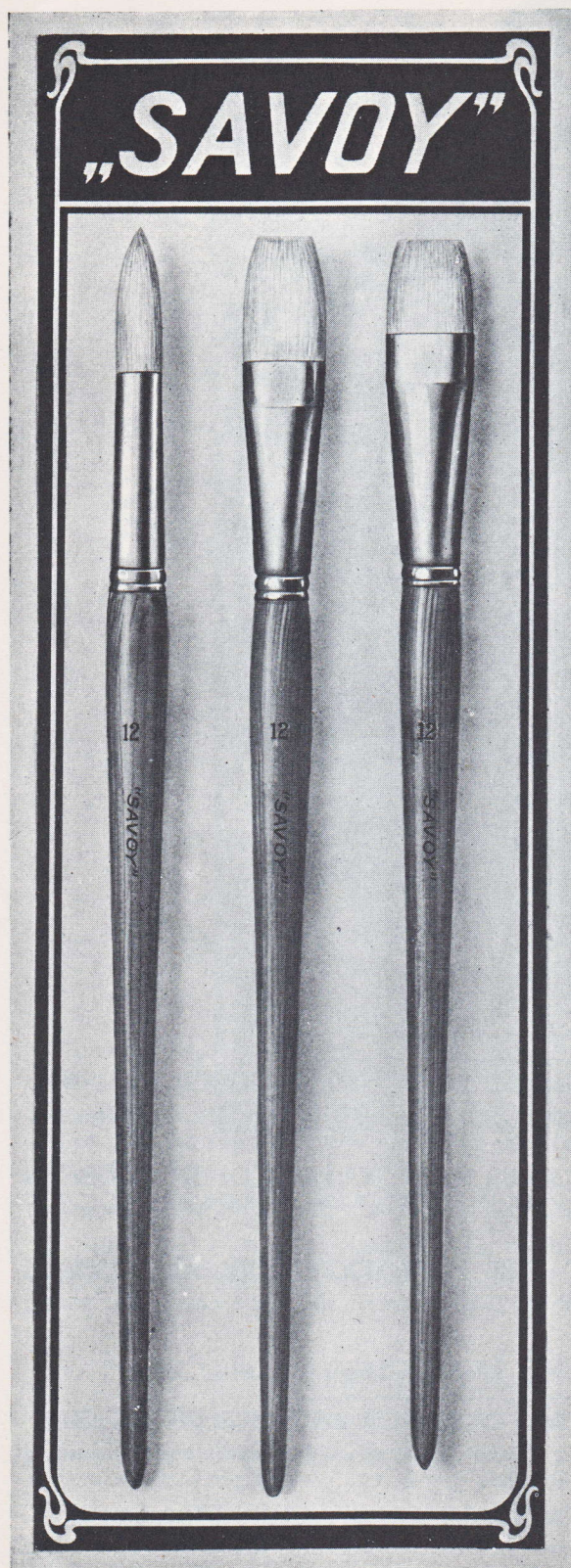
Scrub,
Dairy &
Bakers'
Brushes

Show,
Auto &
Kitchen
Brushes

Indus-
trial

Indus-
trial

ARTIST BRUSHES FOR OIL PAINTING



THE "SAVOY" BRISTLE ARTIST BRUSHES

"The Ultra-Quality Brush"

A professional Bristle Artist Brush for Fine Oil Painting. The bristles used in these brushes are the choicest French stock. They are treated under a special "French Water Process", which requires several days of laborious and expensive treatment before the bristles are considered ready for the manufacture of the brushes. After the bristles have been subjected to this special treatment, they are in a condition of sleekness that can only be compared with natural silk. The bristles are then arranged so that each one curves naturally inward, and this shape is retained throughout the life of the completed brush. Only craftsmen who have served an apprenticeship of long years are capable of assembling a brush in this way. This method of constructing a permanent shape into a brush is known as the "interlocking system", and its use produces that permanency of shape and grace of execution for which these brushes are renowned.

The "Savoy" Artist Brushes are used by only the professional artists requiring the highest degree of efficiency. Their manufacture is truly an art in itself.

They are made in three styles:

"SAVOY" BRISTLE ARTIST BRUSHES

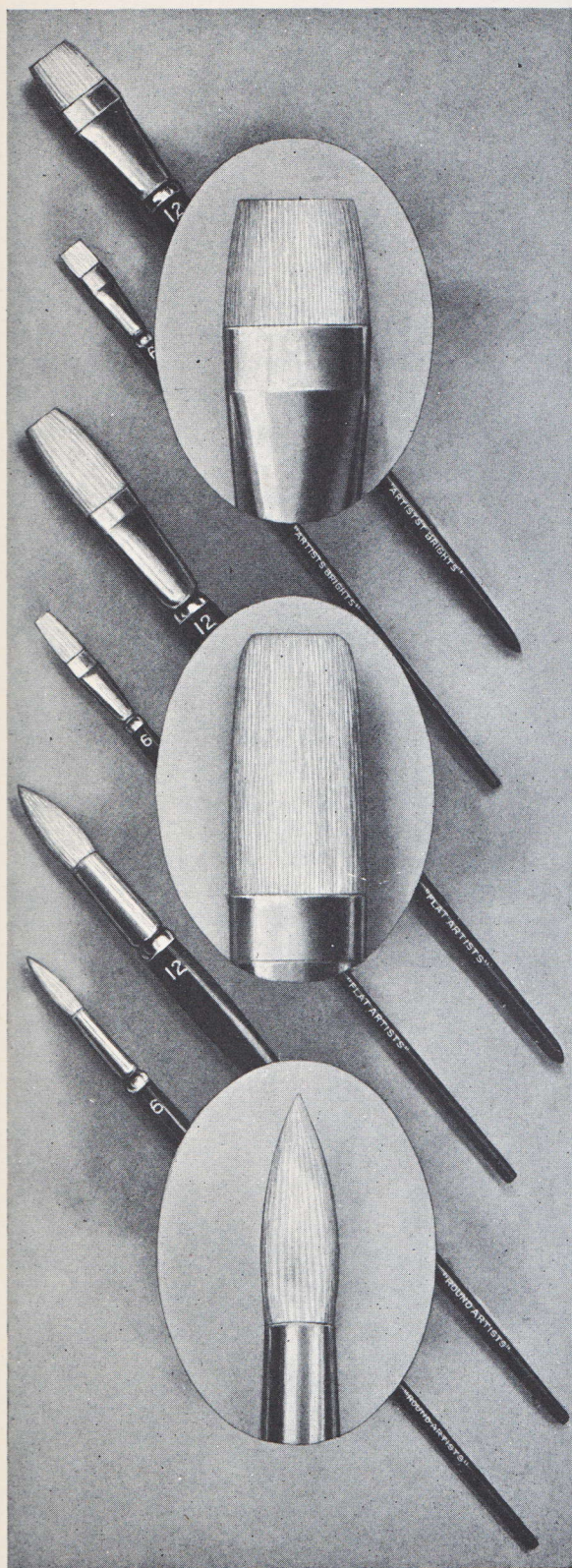
- No. 2050. FLAT
- No. 2052. BRIGHTS
- No. 2054. ROUND

Constructed in Seamless Nickel Plated Brass Ferrules, on Long Natural Polished Handles, mounted on special "Savoy" cards. Packing, sizes 1 to 6 twelve on a card, and sizes 7 to 12 six on a card. Each box contains twelve brushes.

Length of Bristles:

Size.....	1	2	3	4	5	6
No. 2050 Flat...	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
No. 2052 Brights	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Size.....	7	8	9	10	11	12
No. 2050 Flat...	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$1\frac{5}{8}$ "
No. 2052 Brights	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "
Size.....	1	2	3	4	5	6
No. 2054 Round	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "

BRUSHES FOR OIL PAINTING



"RUBY" BRISTLE ARTIST BRUSHES

No. 2030. ROUND

No. 2031. FLAT

No. 2032. BRIGHTS

A very popular brush for Oil Painting. Those that cannot afford the very select "Savoy" brushes, but still require the same technical construction in the brushes, will find this line most satisfactory for all purposes.

Long Red Polished Handles, Seamless Nickel Plated Ferrules, French White Bristles. Packing, sizes 1 to 6, twelve on a card, and sizes 7 to 12, six on a card.

The round style is popular as a High Grade Marking Brush, and is packed in bundles of one dozen of a size.

Length of Bristles:

Size.....	1	2	3	4	5	6
No. 2030 Round	$\frac{5}{8}$ "	$\frac{9}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "
No. 2031 Flat	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{13}{16}$ "	$\frac{15}{16}$ "	1"
No. 2032 Brights	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "
Size.....	7	8	9	10	11	12
No. 2030 Round	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "	$1\frac{7}{8}$ "
No. 2031 Flat	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "
No. 2032 Brights	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"

"LYONS" BRISTLE ARTIST BRUSHES

No. 2036. ROUND

No. 2038. FLAT

No. 2040. BRIGHTS

Long Yellow Polished Handles, in Nickel Ferrules, French White Bristles. A good medium quality brush for Art Schools.

Length of Bristles:

Size.....	1	2	3	4	5
No. 2036 Round	$\frac{3}{8}''$	$\frac{1}{2}''$	$\frac{9}{16}''$	$\frac{5}{8}''$	$\frac{11}{16}''$
No. 2038 Flat	$\frac{3}{8}''$	$\frac{7}{16}''$	$\frac{1}{2}''$	$\frac{9}{16}''$	$\frac{5}{8}''$
No. 2040 Brights	$\frac{1}{4}''$	$\frac{5}{16}''$	$\frac{3}{8}''$	$\frac{7}{16}''$	$\frac{1}{2}''$
Size.....	6	7	8	9	10
No. 2036 Round	$\frac{3}{4}''$	$\frac{13}{16}''$	$\frac{7}{8}''$	$\frac{15}{16}''$	1''
No. 2038 Flat	$\frac{11}{16}''$	$\frac{3}{4}''$	$\frac{13}{16}''$	$\frac{7}{8}''$	$\frac{15}{16}''$
No. 2040 Brights	$\frac{9}{16}''$	$\frac{5}{8}''$	$\frac{11}{16}''$	$\frac{3}{4}''$	$\frac{13}{16}''$
Size.....	11	12			
No. 2036 Round	$1\frac{1}{8}''$	$1\frac{3}{16}''$			
No. 2038 Flat	1''	$1\frac{1}{16}''$			
No. 2040 Brights	$\frac{7}{8}''$	1''			

Artists' Brushes

Sign-writers' Brushes

Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter & Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners' Moulders' Brushes

Brooms

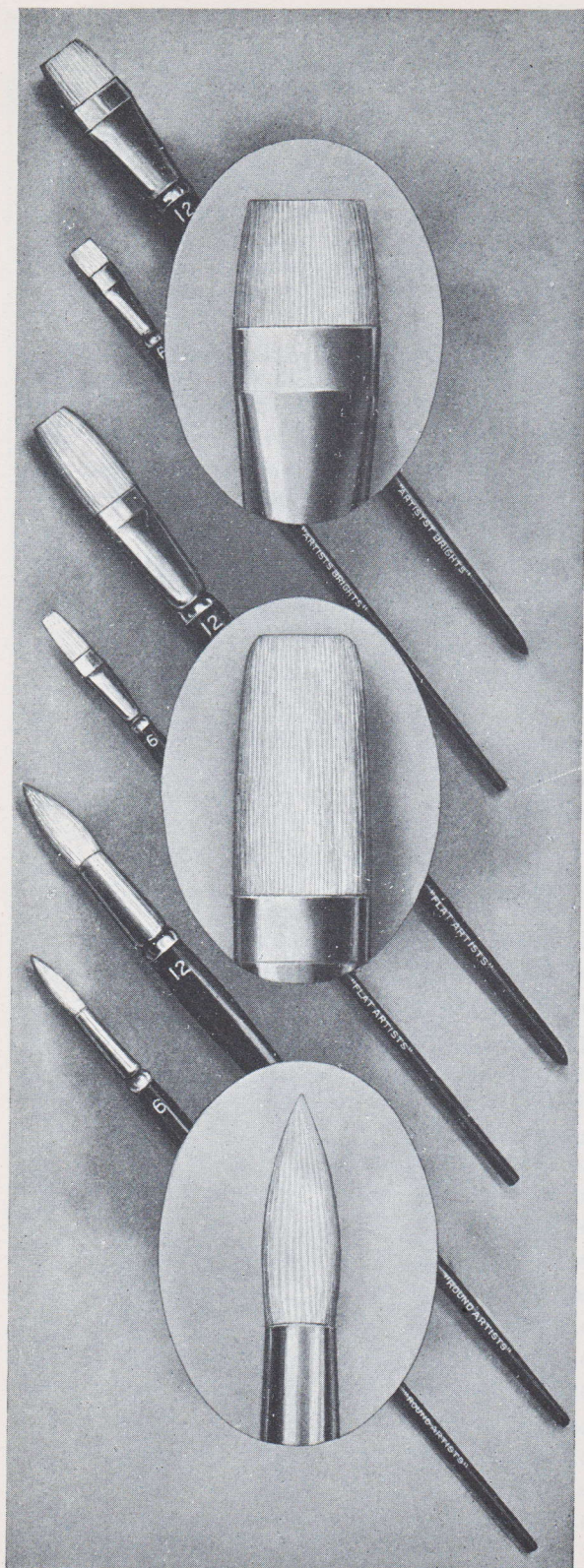
Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

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BRUSHES FOR OIL PAINTING



"ACADEMY" BRISTLE ARTIST BRUSHES

- No. 2026. ROUND
No. 2028. FLAT
No. 2034. BRIGHTS

Plain White Wood Handles, Tin Ferrules, French White Bristles. A good brush made with a plain handle to keep down the cost. Used extensively by Public Schools, and Manufacturers of Art Sets for Home Use.

Length of Bristles:

Size.....	1	2	3	4	5	6
No. 2026 Round	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
No. 2028 Flat	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "
No. 2034 Brights	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "

Size.....	7	8	9	10	11	12
No. 2026 Round	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "
No. 2028 Flat	$\frac{7}{8}$ "	$\frac{15}{16}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "
No. 2034 Brights	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "

Size.....	14	16	18	20	22	24
No. 2026 Round	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "	$1\frac{13}{16}$ "	$1\frac{7}{8}$ "
No. 2028 Flat	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{9}{16}$ "	$1\frac{3}{4}$ "
No. 2034 Brights	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"

NOTE—On all orders for an assortment of Artist or Signwriter Brushes we shall be pleased to supply an attractive display box, with either six or twelve partitions.

BRUSHES FOR OIL PAINTING

RED SABLE ARTIST BRUSHES

No. 2002. ROUND

No. 2004. FLAT

Long Cedar Polished Handles, Seamless Nickel Plated Ferrules, Pure Red Sable Hair.

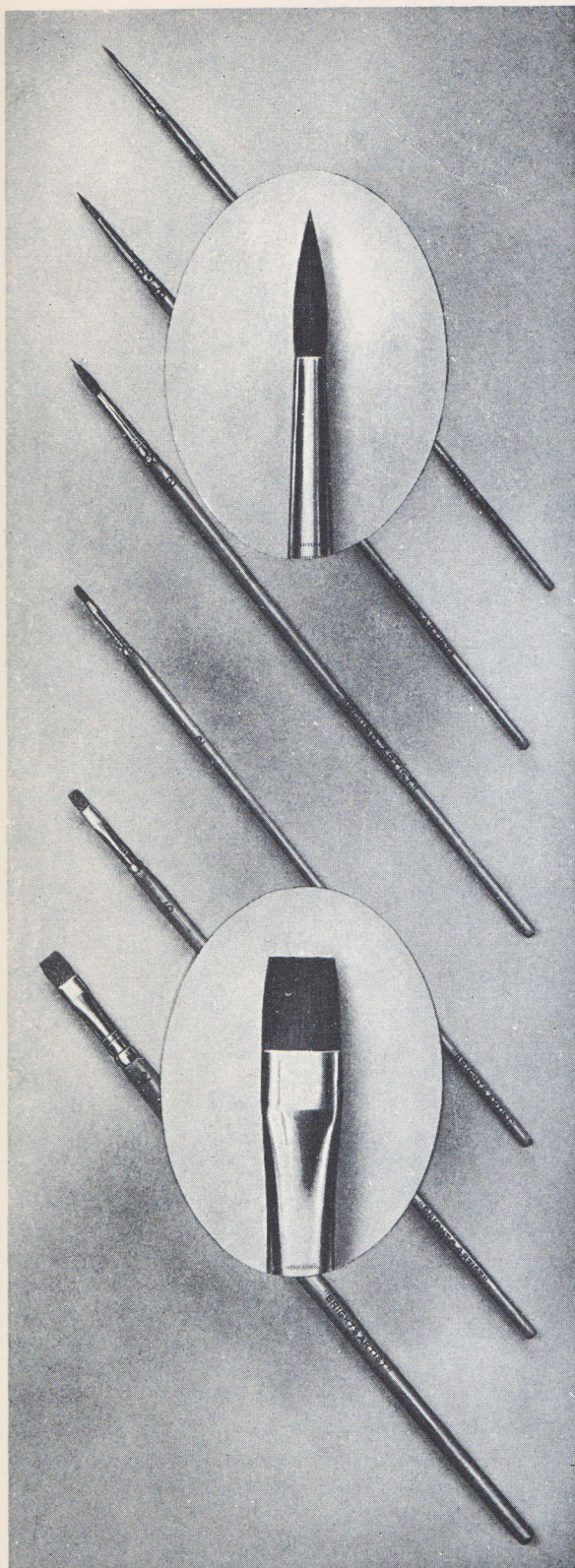
Size.....	1	2	3	4	5
Length of Hair	$\frac{9}{32}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "
Size.....	6	7	8	9	10
Length of Hair	$\frac{1}{2}$ "	$\frac{17}{32}$ "	$\frac{9}{16}$ "	$\frac{19}{32}$ "	$\frac{5}{8}$ "
Size.....	11	12	14	16	18
Length of Hair	$\frac{31}{32}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "

No. 2010. "BRIGHTS" RED SABLE ARTIST BRUSHES

Long Cedar Polished Handles, Seamless Nickel Plated Ferrules, Pure Red Sable Hair.

Size.....	1	2	3	4	5
Length of Hair	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{9}{32}$ "	$\frac{5}{16}$ "	$\frac{11}{32}$ "
Size.....	6	7	8	9	10
Length of Hair	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "
Size.....	11	12	14	16	18
Length of Hair	$\frac{1}{2}$ "	$\frac{17}{32}$ "	$\frac{19}{32}$ "	$\frac{5}{8}$ "	$\frac{31}{32}$ "

NOTE—Wherever artist brushes are required for use in powerful spirits, we can supply them with a special vulcanized setting that will not deteriorate under chemical action.



Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glue
Paste,
& Oil
Brushes

Floor,
Counter &
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Moulders'
Brushes

Brooms

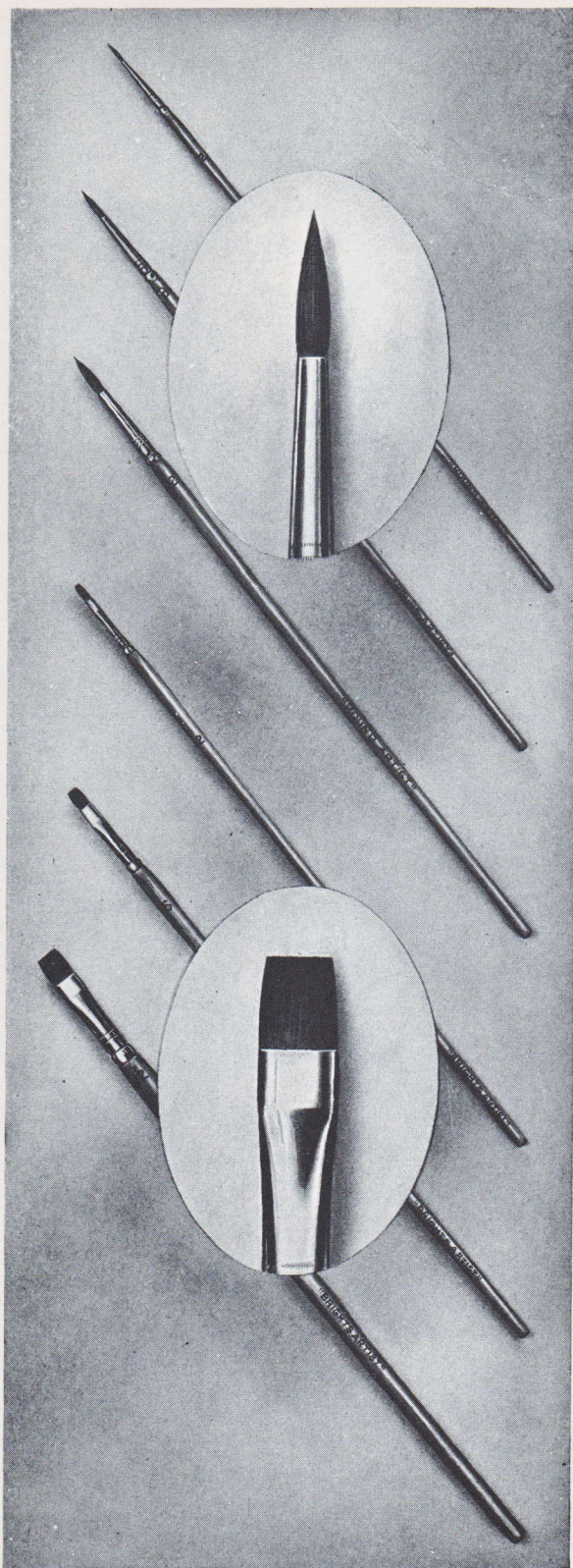
Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
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BRUSHES FOR OIL PAINTING



RUSSIAN SABLE ARTIST BRUSHES

No. 2014. ROUND

No. 2016. FLAT

Long Cedar Polished Handles, Seamless Nickel Plated Ferrules, Pure Russian Sable Hair.

Size.....	1	2	3	4	5
Length of Hair	$\frac{1}{4}$ "	$\frac{9}{32}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{13}{32}$ "
Size.....	6	7	8	9	10
Length of Hair	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{17}{32}$ "	$\frac{9}{16}$ "	$\frac{19}{32}$ "
Size.....	11	12	14	16	18
Length of Hair	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "

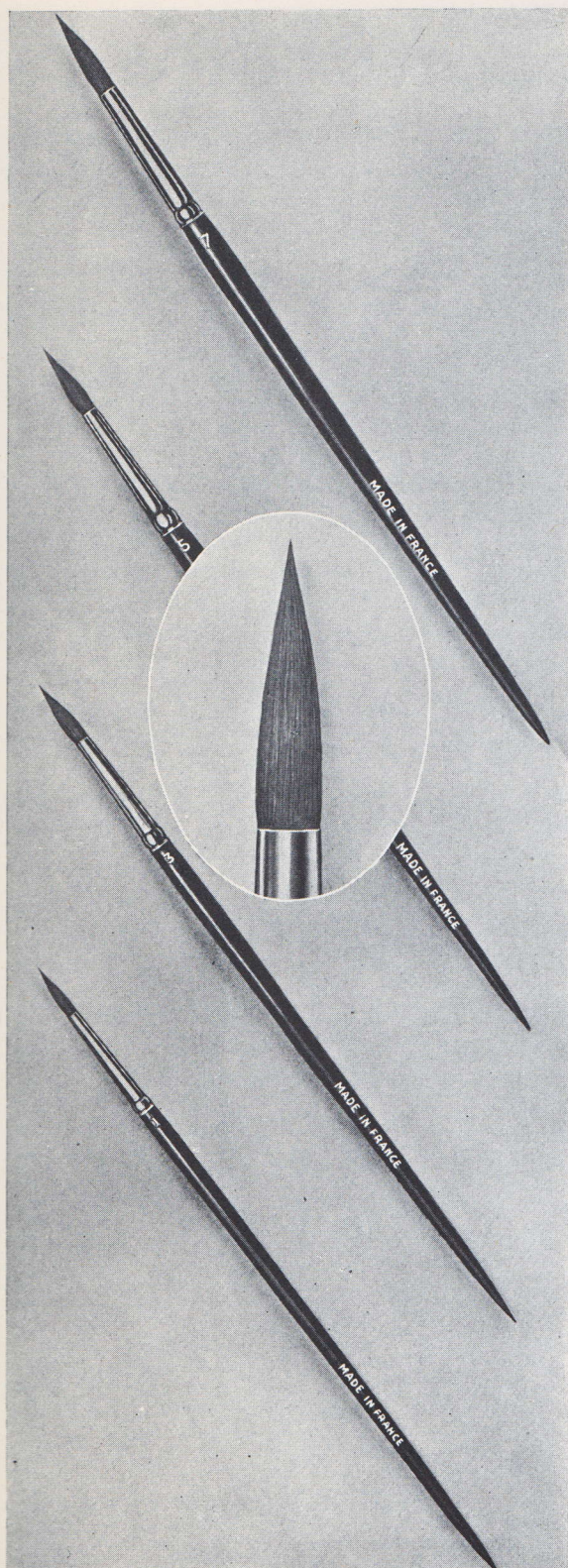
No. 2018. "BRIGHTS" RUSSIAN SABLE ARTIST BRUSHES

Long Cedar Polished Handles, Seamless Nickel Plated Ferrules, Pure Russian Sable Hair.

Size.....	1	2	3	4	5
Length of Hair	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{9}{32}$ "	$\frac{9}{32}$ "	$\frac{9}{32}$ "
Size.....	6	7	8	9	10
Length of Hair	$\frac{5}{16}$ "	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{3}{8}$ "	$\frac{13}{32}$ "
Size.....	11	12	14	16	18
Length of Hair	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{21}{32}$ "

NOTE—All soft-hair brushes are particularly subject to the ravages of the common moth, and for this reason stocks should always be protected by plenty of camphor or naphthalene.

BRUSHES FOR WATER COLOR PAINTING



"THE FRENCH MASTER"

RED SABLE WATER COLOR BRUSHES

When we think of France we associate it with its traditions of generations devoted to Art.

The advancement of French Art thru many generations has developed a kindred Art in the production of Red Sable Brushes.

The knowledge of the exacting qualities required by the artist, and the ability to produce them in a sable brush by skilled hands, has been handed down from father to son, from one generation to another.

The French Water Color Brushes are noted for their distinct quality of the Sable Hair. The Red Sable Hair is treated by a secret "French Water Process". This produces a sleekness and permanency of shape that endures for the life of the brush.

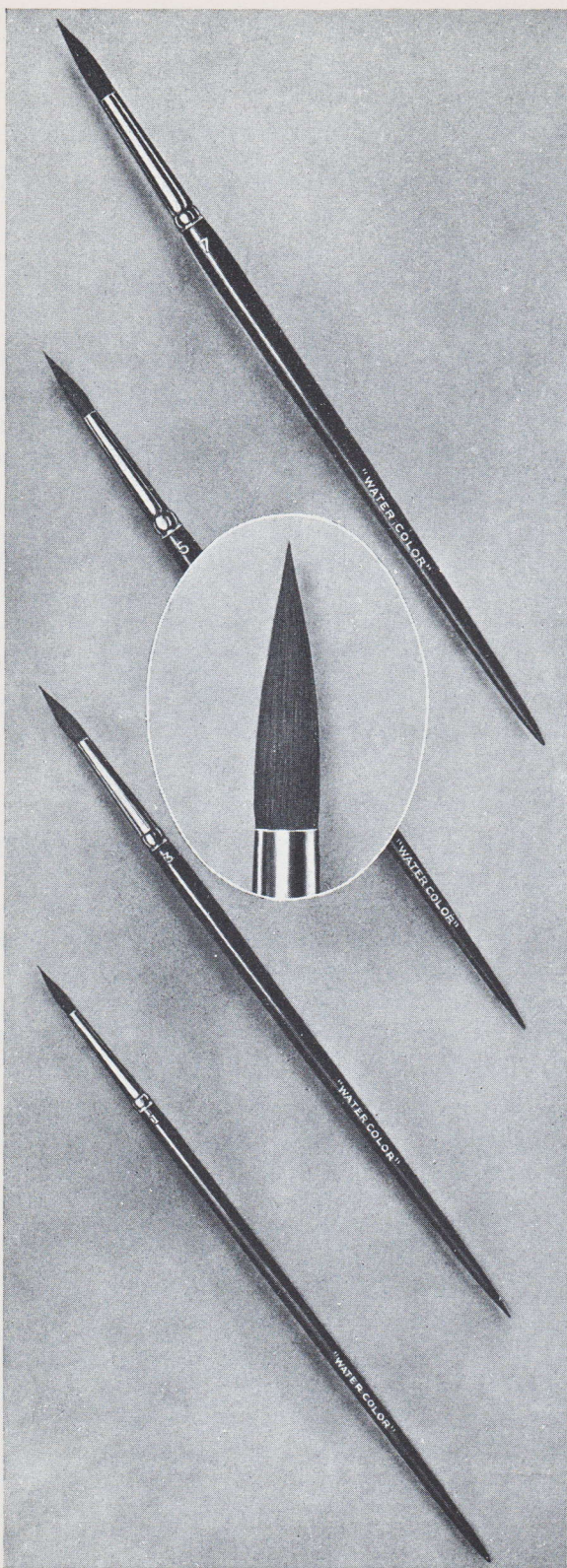
The resilient points of these brushes are a delight to the Master Artist.

No. 2125. "THE FRENCH MASTER" RED SABLE WATER COLOR BRUSHES

"Made in France". Handles polished in Black Ebony, Seamless Nickel Plated Brass Ferrules, Choicest Red Sable Hair, dressed and treated in France. Used by the Master Artists, Illustrators and Etchers. Mounted one half dozen on cards.

Size.....	00	0	1	2	3	4
Length of Hair	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "
Size.....	5	6	7	8		
Length of Hair	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{15}{16}$ "	1"		

BRUSHES FOR WATER COLOR PAINTING



No. 2100. RED SABLE WATER COLOR BRUSHES

Black Albata Handles, Seamless Nickel Plated Brass Ferrules, Pure Red Sable Hair, Standard French Sizes. Used by Schools and Manufacturers of Art Sets.

Size.....	0	1	2	3	4	5	6
Length of Hair	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "
Size.....	7	8	9	10	11	12	
Length of Hair	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	1"	$1\frac{1}{16}$ "	

No. 2104. RED SABLE WATER COLOR BRUSHES

Walnut Polished Handles, Seamless Nickel Plated Brass Ferrules, Pure Red Sable Hair, Standard American Sizes. Used by Art Colleges and High Schools.

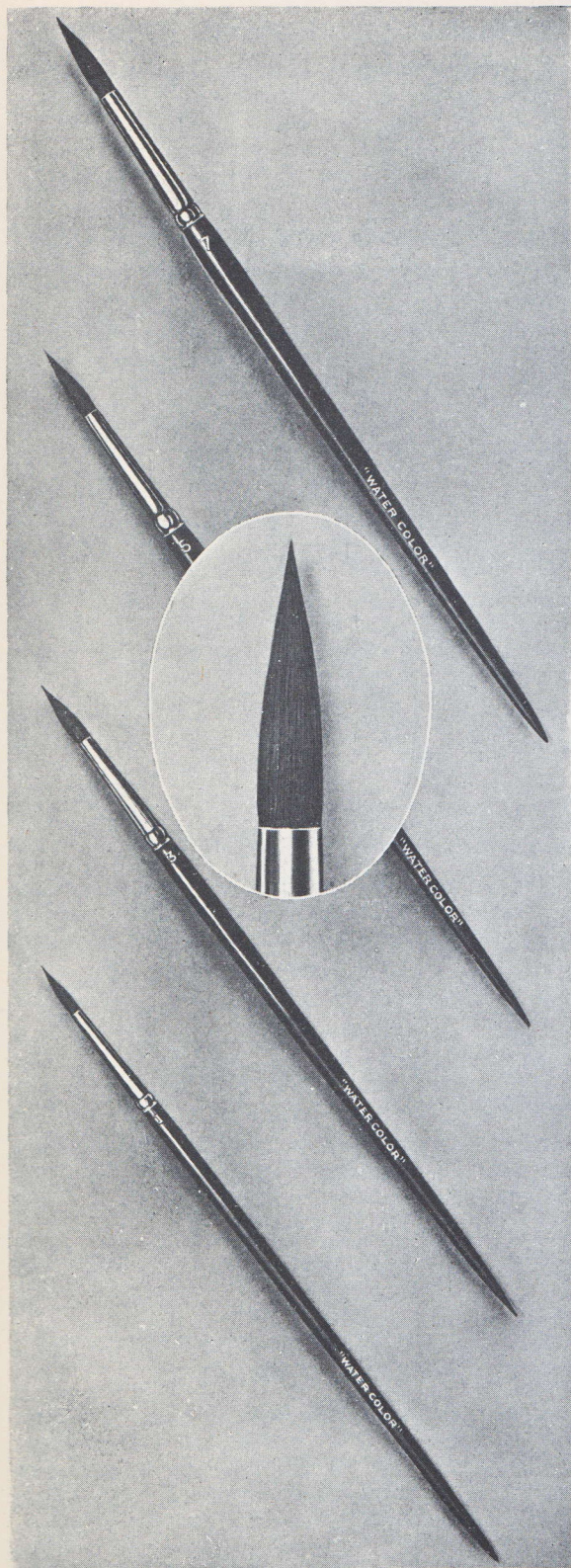
Size.....	00	0	1	2	3	4	5
Length of Hair	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "
Size.....	6	7	8	9	10	11	12
Length of Hair	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "

No. 2106. RUSSIAN SABLE WATER COLOR BRUSHES

Black Ebony Finished Handles, Seamless Nickel Plated Ferrules, Pure Russian Sable Hair. Used by Art Schools, and the Jewelry Trade.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "

BRUSHES FOR WATER COLOR PAINTING



No. 2108. "SENIOR" CAMEL HAIR WATER COLOR BRUSHES

Orange Lacquered Handles, Nickel Ferrules, Pure Camel Hair. Recommended for all School Work. The brushes are mounted one dozen on a card, which assures the brushes reaching the classroom in perfect condition, without the fine hair points being disturbed. Full of life and spring, each brush will point up perfectly.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "

No. 2112. "JUNIOR" CAMEL HAIR WATER COLOR BRUSHES

Black Lacquered Handles, Tin Ferrules, Pure Camel Hair. An attractive low priced brush for Schools. Each brush points up perfectly.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "

No. 2114. "FRESHMAN" CAMEL HAIR WATER COLOR BRUSHES

Black Polished Handles, Tin Ferrules, Camel Hair. Our lowest priced brush, for Schools and Manufacturers of Water Color Sets.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "

No. 2115. "FRESHMAN" MULTI-COLOR CAMEL HAIR WATER COLOR BRUSHES

Same as No. 2114, except handles are Lacquered in Assorted Brilliant Colors.

Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glue
Paste,
& Oil
Brushes

Floor,
Counter
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners
Moulder
Brushes

Brooms

Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

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BRUSHES FOR WATER COLOR PAINTING



No. 2116. BAMBOO HANDLE BRUSHES

Full length Bamboo Handles, made of Fine White Hair. Cover Caps also made of Bamboo.

Size.....	A1	A2	A3
Length of Hair	$\frac{13}{16}$ "	$\frac{15}{16}$ "	$1\frac{1}{16}$ "

No. 2118. ROUND CAMEL HAIR WASH BRUSHES, VERY LARGE SERIES

Polished Ebony Handles, Nickel Plated Ferrules, Pure Camel Hair. This brush comes to a perfect point. Endorsed by Art Supervisors where a very large Wash Brush is desired.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "

No. 2263. "SENIOR" EXTRA ROUND CAMEL HAIR WASH BRUSHES

Our most popular school series. Made with Brilliant Orange Lacquered Handles, in Metal Ferrules. Pure Camel Hair, these brushes point up perfectly.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "

No. 4018. "SCHOOL SPECIAL" ROUND CAMEL HAIR WASH BRUSHES

Special School Sizes. Made with Maroon Lacquered Handles. Size 3 is often referred to as the "Indianapolis Special" or "Kansas City Special".

Size.....	3	4
Length of Hair	$1\frac{1}{8}$ "	$1\frac{1}{8}$ "

No. 2120. FLAT CAMEL HAIR WASH BRUSHES

Polished Ebony Handles, Nickel Ferrules, Pure Camel Hair, Vulcanized Setting. English Style Oval Top.

Size.....	1	2	3	4	5	6
Length of Hair	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{5}{16}$ "	$1\frac{7}{16}$ "	$1\frac{9}{16}$ "	$1\frac{5}{8}$ "

No. 2124. CAMEL HAIR SPOTTING OR POINTED ENAMELAC BRUSHES

Mahogany Finish Handles. Nickel Ferrules, Pure Camel Hair. This brush has a very short club shaped handle. A High Grade Spotting or Water Color Brush. Used extensively on Lamp Shade, Art Silk and Embroidery Pattern Work.

Length of Hair	$\frac{7}{16}$ "	Length Overall	$3\frac{3}{4}$ "
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BRUSHES for WATER COLOR and CHINA PAINTING



No. 2126. "DOUBLEND" CAMEL HAIR WASH BRUSHES

Cedar Polished Handles, Nickel Ferrules, Pure Camel Hair.

Size.....	10/12	11/13	12/14	13/15	14/16	15/17
Length						
Small End	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "
Length						
Large End	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{8}$ "

No. 2127. "DESIGNERS" RED SABLE BRUSHES

"Made in France". Choicest Red Sable Hair, set in Round Quills, and securely fitted to Ebony Finished Handles. The extra long tapered points of these brushes are a delight to all Designers, Artists and Illustrators. Note: The largest number is the smallest brush.

Size.....	10	9	8	7	6	5
Length of Hair	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{9}{16}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Size.....	4	3	2	1	0	
Length of Hair	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	

No. 2128. RUSSIAN SABLE TINTING OR GROUNDING BRUSHES

Polished Walnut Handles, Seamless Nickel Ferrules, Pure Russian Sable Hair. Used extensively for Painting on China and Art Silks. A Short Stock Brush which is also preferred by some Sign-painters for One Stroke Work.

Size.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length of Hair	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "

No. 2130. CAMEL HAIR GROUNDING OR LUSTRE BRUSHES

White Wood Handles, Seamless Nickel Ferrules, Pure Camel Hair.

Size.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length of Hair	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{13}{16}$ "	$\frac{15}{16}$ "

Sign-writers' Brushes

Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners Moulders Brushes

Brooms

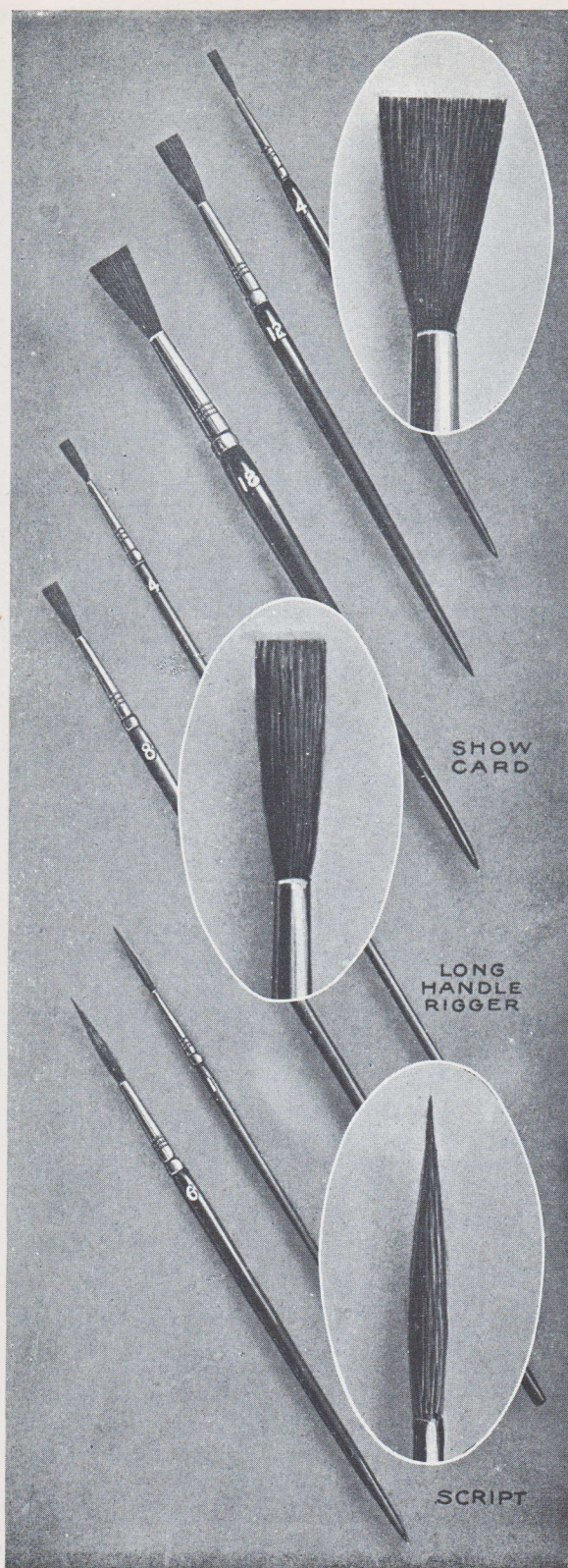
Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

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SHOWCARD, RIGGERS, SCRIPT LETTERING BRUSHES



No. 2150. RED SABLE "SHOWCARD" BRUSHES

A Round Brush, on Black Albata Handles, Seamless Nickel Plated Brass Ferrules, Pure Red Sable Hair. A Standard Quality Brush used by the leading Sign Schools in the country. All Clean Square Edges.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{8}$ "	$\frac{3}{4}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$\frac{3}{8}$ "	$\frac{13}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "
Size.....	14	16	18	20	22	24
Length of Hair	$1\frac{3}{8}$ "	$1\frac{1}{8}$ "	$1\frac{1}{16}$ "	$1\frac{1}{4}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "

No. 2151. "THE FRENCH MASTER" RED SABLE SHOWCARD BRUSHES

The Acme of Perfection in Round Show card Brushes, these brushes will satisfy the most exacting artist. Made on Rich Maroon Polished Handles, in Seamless Copper Ferrules. Mounted one-half dozen on cards.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{8}$ "	$\frac{3}{4}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$\frac{3}{8}$ "	$\frac{13}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "

No. 2152. RED SABLE "RIGGER" BRUSHES

Made on Long Cedar Polished Handles, Seamless Nickel Plated Ferrules, Pure Red Sable Hair, with a Clean Square Edge.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{8}$ "	$\frac{3}{4}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$\frac{3}{8}$ "	$\frac{13}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"

No. 2160. RED SABLE "SCRIPT" BRUSHES

Black Albata Handles, Seamless Nickel Ferrules, Pure Red Sable Hair. A long stock brush that comes to a Fine Point. A practical brush for all Script Lettering and Scroll Work. Used extensively for Monogram Work on Automobile and Carriages.

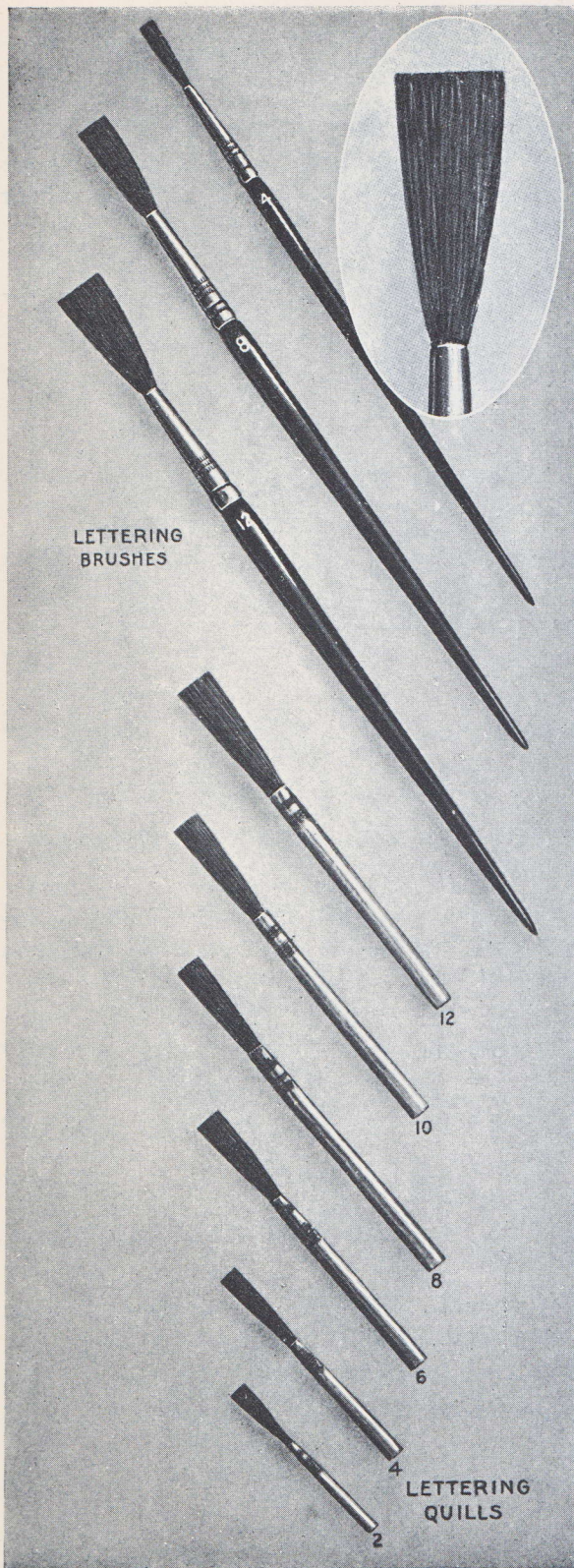
Size.....	1	2	3	4	5	6
Length of Hair	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "

No. 2161. "THE FRENCH MASTER" RED SABLE "HIGH LINERS"

Polished Walnut Handles, Seamless Copper Ferrules, Pure Red Sable Hair. Used for edging around gold leaf. A fine High Liner for Oil or Japan Color Work.

Size.....	1	2	3	4	5	6
Length of Hair	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "

LETTERING BRUSHES



No. 2154. RED SABLE "LETTERING" BRUSHES

Black Albata Handles, Seamless Nickel Ferrules, Pure Red Sable Hair. A long stock brush with a Clean Square Edge. Especially adapted for Oil Color Lettering.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "

No. 2155. "THE FRENCH MASTER" RED SABLE LETTERING BRUSHES

For a Long Stock Lettering Brush this brush will be found incomparable for quality. Made on Black Ebony Finished Handles, in Seamless Copper Ferrules. Mounted one-half dozen on a card.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "

No. 2156. RED SABLE "LETTERING QUILLS"

Set in Quills, Red Silk and Gold Bound, Clean Square Edges.

Size.....	1	2	3	4	5
Length of Hair	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "
Size.....	6	7	8	10	12
Length of Hair	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "

No. 2162. BLACK SABLE "LETTERING" BRUSHES

Black Albata or Walnut Polished Handles, Seamless Nickel Ferrules. A long stock brush, made with a Clean Square Edge. Especially adapted for Oil Color Lettering.

Size.....	1	2	3	4	5
Length of Hair	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "
Size.....	6	7	8	10	12
Length of Hair	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "

No. 2164. BLACK SABLE "LETTERING QUILLS"

Set in Quills, Red Silk and Gold Bound, Clean Square Edge.

Size.....	1	2	3	4	5
Length of Hair	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "
Size.....	6	7	8	10	12
Length of Hair	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "

Sign-
writers'
Brushes

Stencil &
Marking
Brushes

Glue
Paste,
& Oil
Brushes

Floor,
Counter
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners
Moulders
Brushes

Brooms

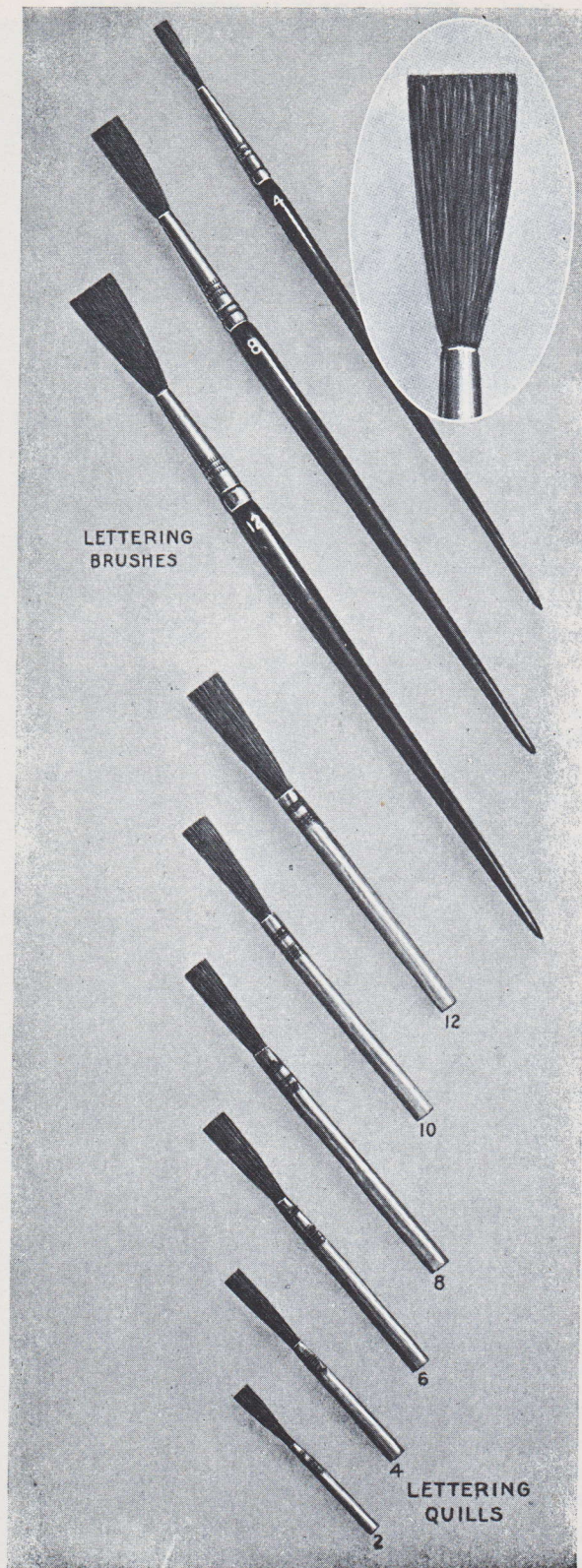
Scrub,
Dairy &
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Brushes

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Brushes

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LETTERING BRUSHES



No. 2168. OX HAIR "LETTERING" BRUSHES

Black Albata or French Blue Handles, Seamless Nickel Ferrules, Siberian Ox Hair. Clean Square Edges. Especially adapted for Heavy Color Lettering.

Size.....	1	2	3	4	5	6
Length of Hair	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{32}$ "	$1\frac{1}{16}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "

No. 2170. OX HAIR "LETTERING QUILLS"

Set in quills, Red Silk and Gold Bound. Clean Square Edges.

Size.....	1	2	3	4	5
Length of Hair	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "
Size.....	6	7	8	10	12
Length of Hair	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "

No. 2172. CAMEL HAIR "LETTERING" BRUSHES

Black Albata or Cedar Polished Handles, Seamless Nickel Ferrules. A long stock brush for Japan Color Lettering.

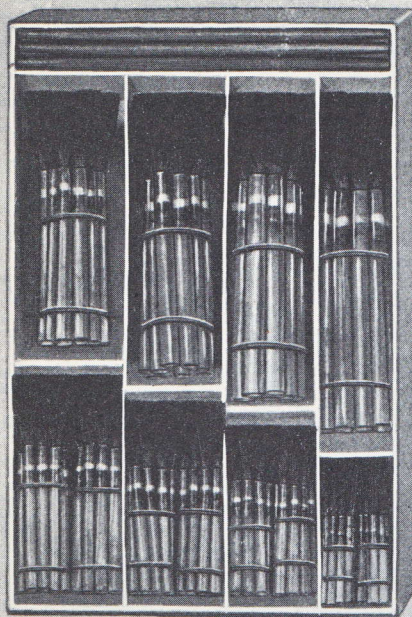
Size.....	1	2	3	4	5	6
Length of Hair	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{32}$ "	$1\frac{1}{16}$ "
Size.....	7	8	9	10	11	12
Length of Hair	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "

No. 2171. CAMEL HAIR "LETTERING QUILLS"

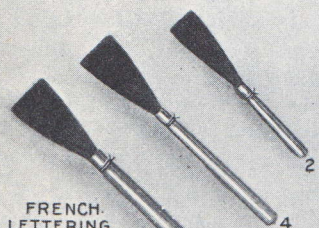
Set in Quills, Red Silk, Green and Silver Bound. Clean Square Edges.

Size.....	1	2	3	4	5
Length of Hair	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "
Size.....	6	7	8	10	12
Length of Hair	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "

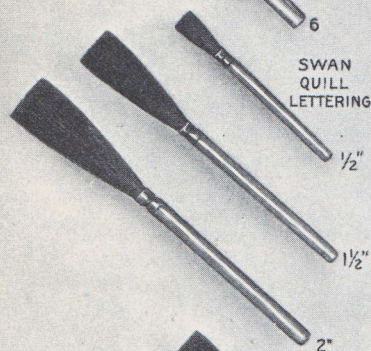
LETTERING BRUSHES



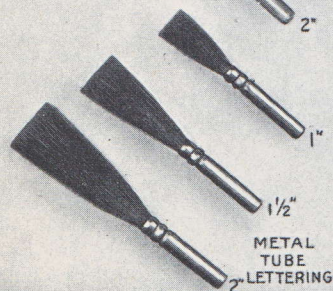
LETTERING QUILL ASSORTMENT



FRENCH LETTERING QUILLS



SWAN QUILL LETTERING



METAL TUBE LETTERING

No. 2171. ASSORTMENT CAMEL HAIR LETTERING QUILLS

A Popular Retail Store Assortment. Contains one gross of No. 2171 Camel Hair Lettering Quills, Assorted sizes No. 1 to No. 8 and one dozen Quill Handles, all in partitions. The box cover is made of clear Celloglas.

FRENCH QUILLS

A complete line of French Quills will be found illustrated and described on Pages 58 and 59.

No. 2174. CAMEL HAIR SWAN QUILLS

All sizes of these quills are $\frac{1}{4}$ " diameter. Made of Pure Camel Hair, in Genuine Swan Quills. The short lengths are used for Touch Up Work, medium sizes for Lettering, and long lengths for Broad Striping. When ordering specify the length of hair desired.

Size	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "
Length of Hair	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "

No. 2175. CAMEL HAIR BRUSHES IN METAL TUBES

All sizes of these brushes are $\frac{5}{16}$ " diameter. The short lengths are used for Touch Up Work, medium sizes for Lettering, and long lengths for Broad Striping. This extra quality camel hair will carry Heavy Colors. When ordering specify the length of hair desired.

Size	1"	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "
Length of Hair	1"	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "

NOTE—When quill brushes have been once used, they should be well greased with vaseline. This prevents the hair from getting hard, and maintains the shape. When ready to use again, wash out vaseline with warm water.

Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter & Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners' Moulders' Brushes

Brooms

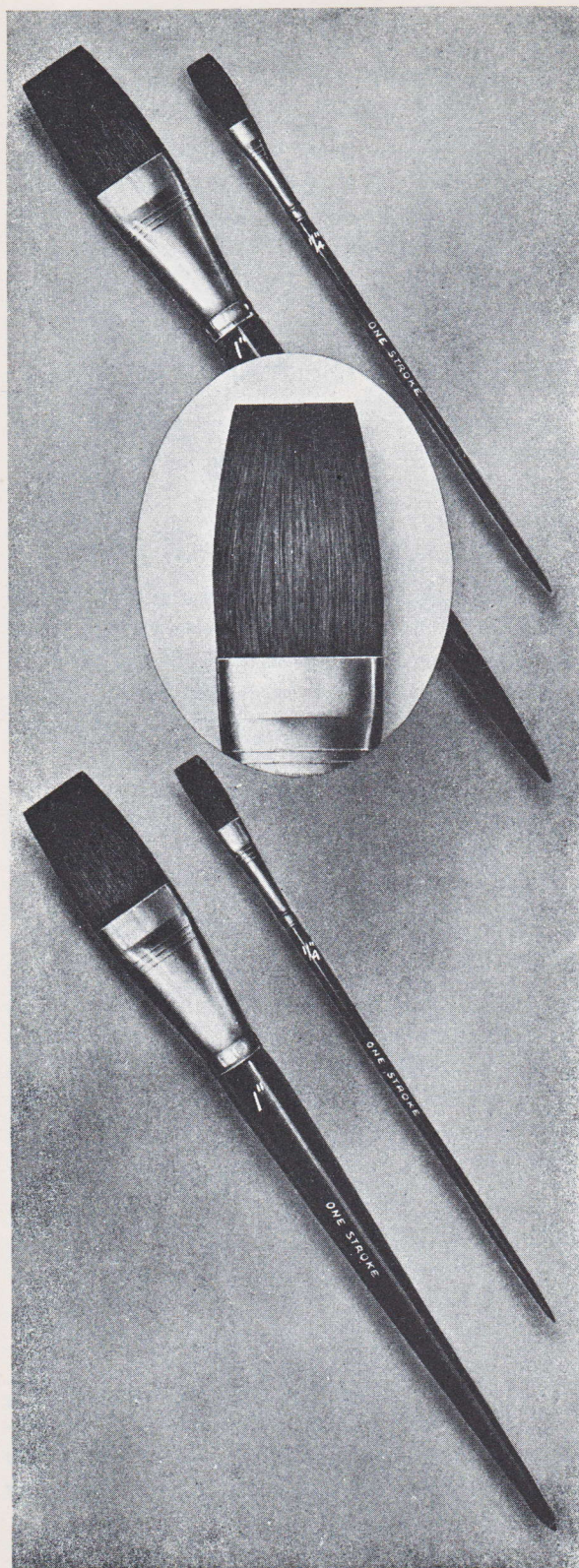
Scrub, Dairy & Bakers' Brushes

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ONE STROKE BRUSHES



No. 2176. RED SABLE ONE STROKE BRUSHES

Walnut Polished Handles, Seamless Nickel Plated Brass Ferrules. Makes a clean, sharp stroke. Gives equal service on Card Board, Muslin, or Wood. Can be used in any kind of Color.

Size.....	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "
Length of Hair	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "
Size.....	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length of Hair	1"	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "

No. 2177. "THE FRENCH MASTER" RED SABLE ONE STROKE BRUSHES

Our very finest Stroke Brush, specially designed for the most Expert Single Stroke Showcard Writing and Sign Painting. Made in Seamless Copper Ferrules, Short Polished Black Handles.

Size.....	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "
Length of Hair	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "
Size.....	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length of Hair	1"	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "

No. 2178. BLACK SABLE ONE STROKE BRUSHES

Black Polished Handles, Seamless Nickel Plated Brass Ferrules. Made with a Clean Square Edge. Especially adapted for Japan Colors.

Size.....	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "
Length of Hair	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Size.....	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length of Hair	$1\frac{5}{16}$ "	$1\frac{1}{16}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "

No. 2180. OX HAIR ONE STROKE BRUSHES

French Blue Polished Handles, Seamless Nickel Plated Brass Ferrules. A snappy brush that gives perfect satisfaction in Oil, Japan or Water Color.

Size.....	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "
Length of Hair	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$1\frac{1}{16}$ "
Size.....	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length of Hair	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{7}{16}$ "

No. 2182. CAMEL HAIR ONE STROKE BRUSHES

Emerald Polished Handles, Seamless Nickel Plated Brass Ferrules. Recommended for Light Color.

Size.....	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "
Length of Hair	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$1\frac{1}{16}$ "
Size.....	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length of Hair	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{8}$ "	$1\frac{9}{16}$ "

POSTER AND MUSLIN BRUSHES



No. 2183. KAM-OX MUSLIN POSTER BRUSHES

A Combination Brush of Long Stock Camel Hair and Ox Hair, mixed in the exact proportion to produce the maximum spring and flowing qualities. Made in Seamless Copper Ferrules, on Black Polished Handles. Recommended for long Scroll Sweeps on Muslin or Oil Cloth.

Size.....	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Length of Hair	1"	$1\frac{1}{4}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{13}{16}$ "

Size.....	$\frac{7}{8}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	2"
Length of Hair	$1\frac{13}{16}$ "	$1\frac{7}{8}$ "	$1\frac{7}{8}$ "	$1\frac{15}{16}$ "	2"	$2\frac{1}{16}$ "

No. 2184. KAM-OX ONE STROKE POSTER BRUSHES

A Long Stock Brush combining the soft flowing quality of Camel Hair with the resilient quality of Ox Hair. This combination produces a brush that can be used in either Japan or Oil Color, and works equally well on Oil Cloth, Muslin or Paper.

Size.....	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "
Length of Hair	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "

Size.....	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length of Hair	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "	$1\frac{13}{16}$ "	$1\frac{7}{8}$ "

No. 2185. BLACK SABLE MUSLIN OR POSTER BRUSH

This brush, which is not illustrated, has a Square End, and resembles a Flat Flowing Varnish Brush in appearance. It is especially designed for rapid Single Stroke Poster Work on Muslin, Oil Cloth or Paper Signs. Made in Brass Ferrules, on Cedar Polished Handles. Can be used in Japan or Oil Color.

Size.....	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$1\frac{1}{4}$ "
Length of Hair	$\frac{15}{16}$ "	1"	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "

Size.....	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "	3"
Length of Hair	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{9}{16}$ "	$1\frac{3}{4}$ "

Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter & Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners' Moulders' Brushes

Brooms

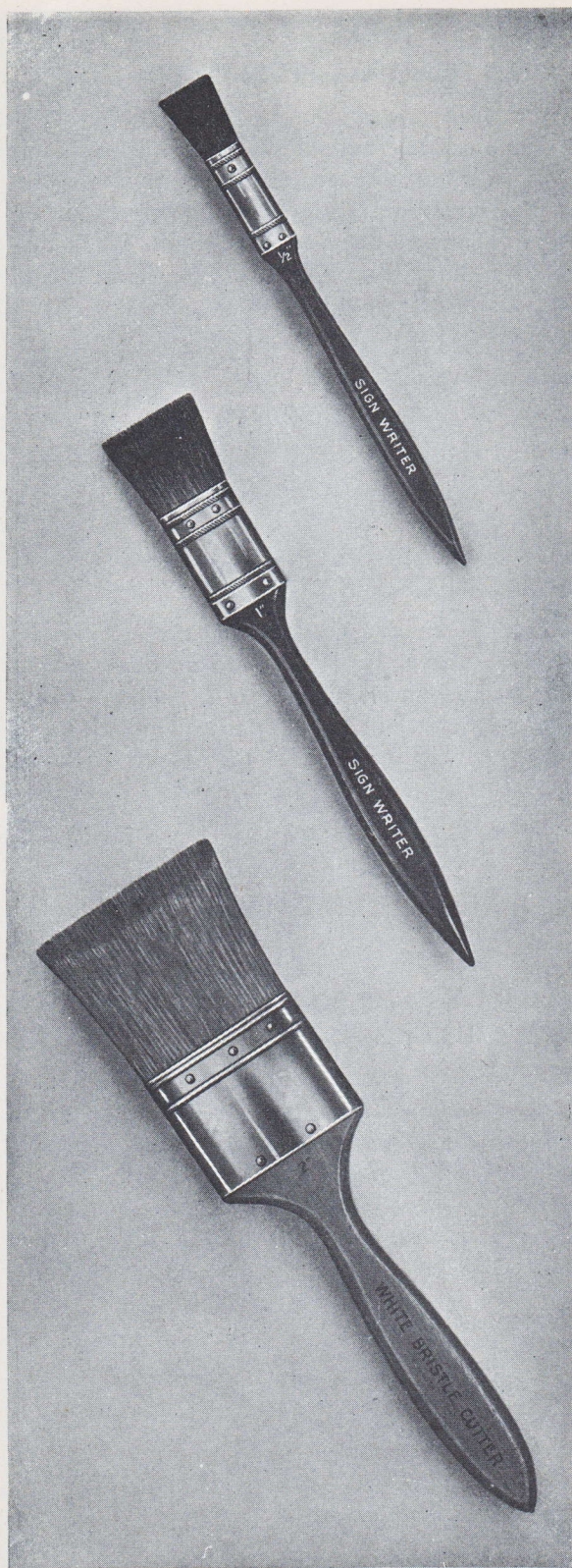
Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

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CHISELLED SIGNWRITERS' BRUSHES



No. 2186. FITCH HAIR SIGNWRITER

Red Polished Handles, Nickel Plated Ferrules, Vulcanized Setting, Chiselled End. Used for Muslin Sign Painting and Fill-in Work. Also used as a Lacquer Brush.

Size.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"
Length of Hair	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{13}{16}$ "	1"	$1\frac{1}{8}$ "

No. 2190. OX HAIR SIGNWRITER

Red Polished Handles, Nickel Plated Ferrules, Vulcanized Setting, Light Siberian Ox Hair, Chiselled End. Used for Muslin Sign Painting and Fill-in Work. Also used as a Lacquer Brush.

Size.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "
Length of Hair	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "

No. 2191. "SPEED CUTTER" BRISTLE SIGNWRITER

A Single Thick Brush, made of very elastic White Russian Bristles, chiselled to a sharp edge. In Nickel Ferrules, on Plain Handles. For rapid and clean work this brush is unexcelled. Used by the Professional Sign Painter for Bulletin Painting.

Size.....	1"	$1\frac{1}{2}$ "	2"
Length of Bristles	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	2"

No. 2192. BRISTLE CUTTER OR ENAMEL BRUSH

A Double Thick Brush, made of Choice French White Bristles, with a Deep Chisel. In Nickel Plated Ferrules, on Natural Polished Handles. Recommended for all Fine Finishing Work. Produces equally fine results when used in Varnish, Lacquer, Enamel or Oil Paint.

Size.....	1"	$1\frac{1}{2}$ "	2"
Length of Bristles	$1\frac{7}{8}$ "	2"	$2\frac{1}{8}$ "

ARTISTS' AND SIGN PAINTERS' FITCHES



No. 2194. "THE FRENCH MASTER" OVAL ARTIST FITCHES

For Sketching or Scenic Painting this oval shape brush has no equal. Made on Long Ebony Polished Handles, in Seamless Copper Ferrules.

Size.....	1	2	3	4	5	6
Length of Bristle	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{16}$ "
Size.....	7	8	9	10	11	12
Length of Bristle	$1\frac{3}{16}$ "	$1\frac{5}{16}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{11}{16}$ "

No. 2203. SHORT CHISELLED BANNER EXTRA THICK FITCHES

Long Natural Polished Handles, Tin Ferrules. Made of Fine White Russian Bristles, Vulcanized Setting. A short trim brush, well filled with extra stiff bristles. Used by Sign Painters on Awnings or Heavy Canvas. Also recommended for work on Brickwalls, Cement, etc.

Size.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Length of Bristles	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{7}{8}$ "	1"
Size.....	$\frac{7}{8}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	
Length of Bristles	$1\frac{1}{16}$ "	$1\frac{3}{16}$ "	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	

No. 2205. WHITE BRISTLE LETTERING FITCHES

The Sign Painter's Favorite Lettering Fitch. Made with a sharp chisel, it will do clean work on Cardboard, Sheet Iron and other Smooth Surfaces. Made of Finest White Russian Bristles, Natural Polished Handles.

Size.....	$\frac{1}{4}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$1\frac{1}{4}$ "
Length of Bristles	$\frac{9}{16}$ "	$\frac{13}{16}$ "	$\frac{15}{16}$ "	$1\frac{1}{16}$ "	$1\frac{3}{16}$ "

No. 2206. BLACK BRISTLE LETTERING FITCHES

Made exactly the same as No. 2205, except that Choice Black Chinese Bristles are used.

Size.....	$\frac{1}{4}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$1\frac{1}{4}$ "
Length of Bristles	$\frac{9}{16}$ "	$\frac{13}{16}$ "	$\frac{15}{16}$ "	$1\frac{1}{16}$ "	$1\frac{3}{16}$ "

NOTE—Painters' fitches should not be allowed to rest on the bottom of paint cans for any length of time, as this causes the bristles to twist out of shape. It is better to lay all fitches flat when not in use.

Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter & Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners' & Moulders' Brushes

Brooms

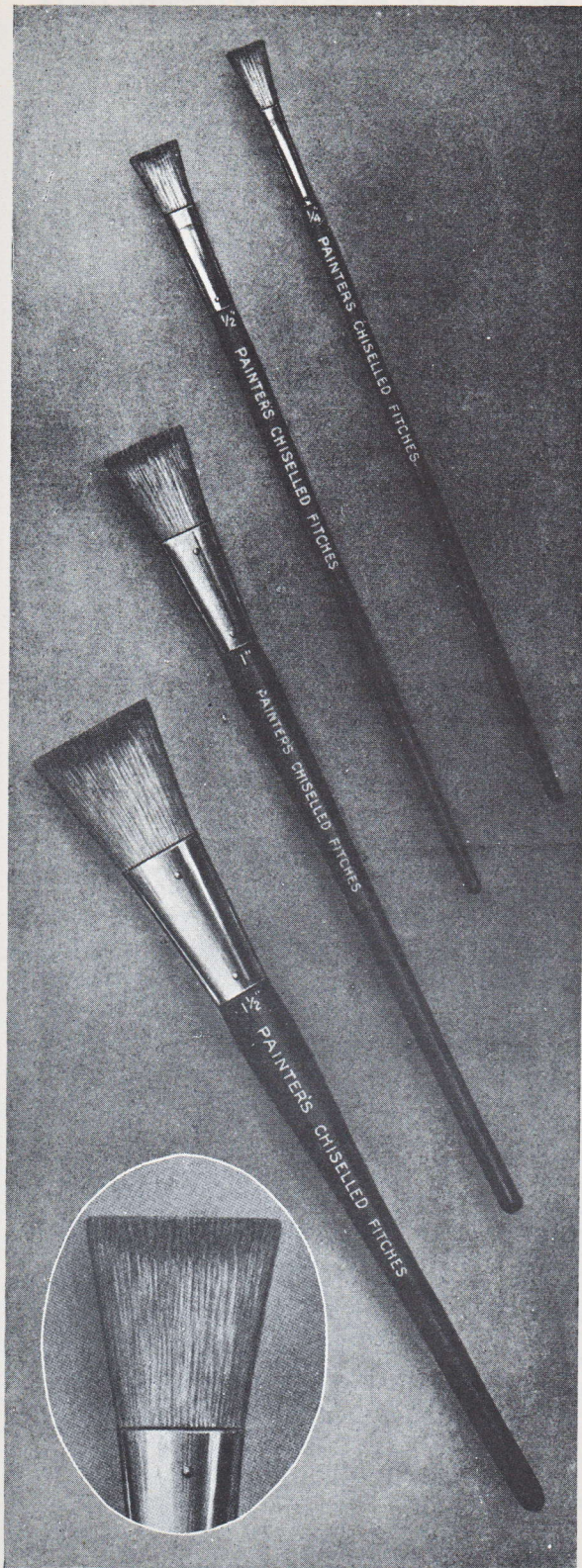
Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

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PAINTERS' FITCHES



No. 2196. EXTRA CHISELLED BLACK BRISTLE PAINTERS' FITCHES

A long trim brush, made of Black Chinese Bristles, Chiselled, Vulcanized Setting, Tin Ferrules, Polished Red Handles. A real painter's fitch. Each brush is chiselled perfectly, well set in, and individually wrapped to protect the shape.

Size.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
Length of Bristles	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{5}{16}$ "
Size.....	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	2"	
Length of Bristles	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	2"	$2\frac{1}{4}$ "	$2\frac{1}{2}$ "	

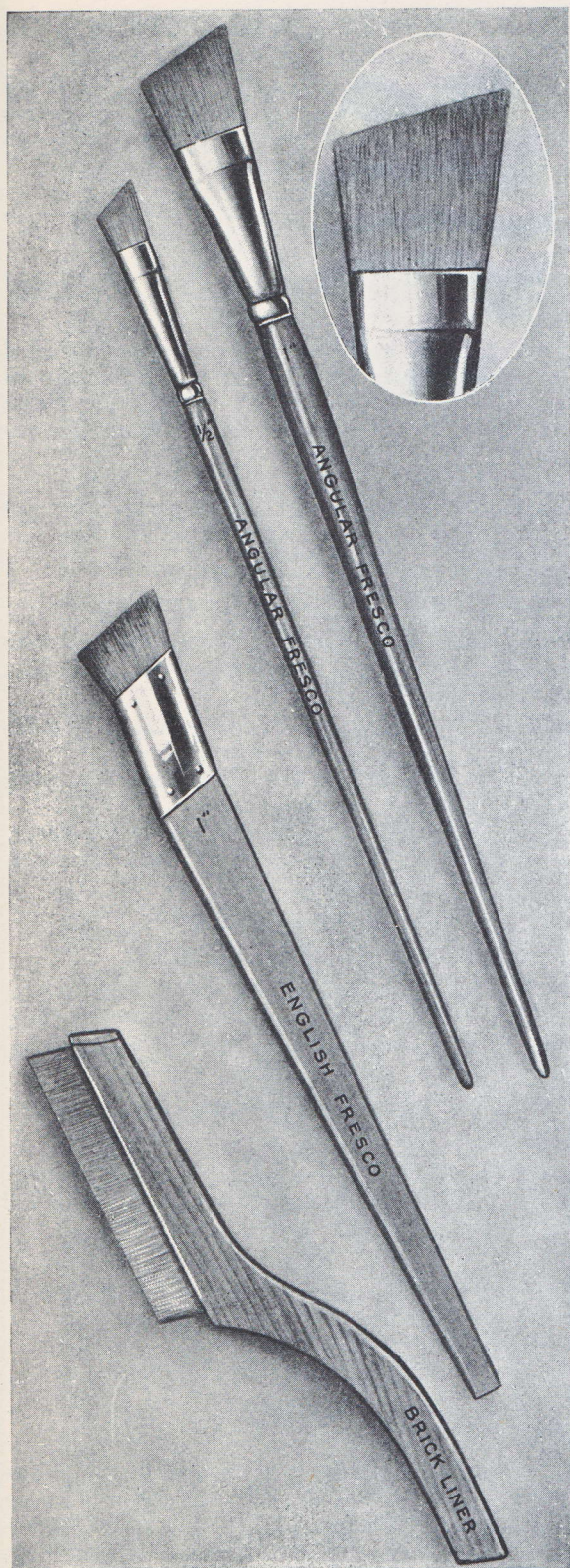
No. 2200. EXTRA CHISELLED WHITE BRISTLE PAINTERS' FITCHES

A long trim brush, made of Pure White French Bristles, Chiselled, Vulcanized Setting, Tin Ferrules, Natural Polished Handles.

Size.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
Length of Bristles	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{5}{16}$ "
Size.....	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	2"	
Length of Bristles	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	2"	$2\frac{1}{4}$ "	$2\frac{1}{2}$ "	

NOTE—Never allow brushes to stand in water, as this will cause the bristles to swell up. When exposed to the air water-soaked brushes will split open.

FRESCO BRUSHES—BRICK LINERS



No. 2258. EXTRA ANGULAR FRESCO BRUSHES

A Special Thin Brush for Lining, made with Angular Top. Finest Quality White French Bristles, Vulcanized Setting, Seamless Nickel Plated Brass Ferrules, Natural Polished Handles.

Size.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Length of Bristles	$\frac{3}{8} \times \frac{1}{2}$ "	$\frac{7}{16} \times \frac{9}{16}$ "	$\frac{9}{16} \times \frac{3}{4}$ "	$\frac{5}{8} \times \frac{7}{8}$ "	$\frac{3}{4} \times 1$ "
Size.....	$\frac{7}{8}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	
Length of Bristles	$\frac{7}{8} \times 1\frac{1}{8}$ "	$1 \times 1\frac{1}{4}$ "	$1\frac{1}{8} \times 1\frac{1}{2}$ "	$1\frac{1}{8} \times 1\frac{5}{8}$ "	

No. 2257. ENGLISH ANGULAR FRESCO BRUSHES

White French Bristles, Flat Tin Ferrules, Plain White Flat Handles.

Size.....	$\frac{1}{4}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "
Length of Bristles	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"

No. 163. WHITE BRISTLE BRICK LINER

Plain White Wood Handles, White French Bristles. Used for Lining and Striping on Bricks.

Size.....	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "	3"	$3\frac{1}{2}$ "	4"
Length of Bristles	$\frac{9}{16}$ "	$\frac{9}{16}$ "	$\frac{9}{16}$ "	$\frac{9}{16}$ "	$\frac{9}{16}$ "	$\frac{9}{16}$ "

NOTE—If your salesmen do not push the sale of soft-hair brushes, due to lack of knowledge of the line, consult us about our Educational Plan.

Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter & Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners' & Moulders' Brushes

Brooms

Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

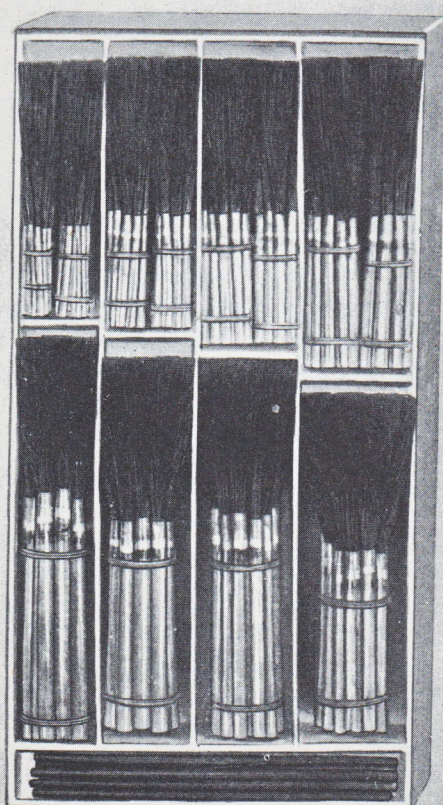
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STRIPING BRUSHES



DAGGER
STRIPERS



STRIPING QUILL ASSORTMENT

No. 2222. CAMEL HAIR DAGGER STRIPERS

Long Kazan Squirrel Hair, Cedar Handles, Brass Wire Bound. Mounted one dozen on attractive green cards. The most popular retail store number. A good striper for the Non-Professional.

Size.....	00	0	1	2	3	4
Length of Hair	2 $\frac{1}{8}$ "	2 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "

No. 2224. FRENCH CAMEL HAIR DAGGER STRIPERS

"Made in France", of the finest grade of Camel Hair, specially treated to assure permanency of shape. Set in Cedar Handles, bound with Brass Wire. A Thin Striper of Exceptional Quality Hair.

Size.....	00	0	1	2	3	4
Length of Hair	2 $\frac{1}{8}$ "	2 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "

No. 2220. THE "MACKINTOSH" PROFESSIONAL DAGGER STRIPERS

Finest Squirrel and Ox Hair Mixed. Bound with Green Cord on Special Handles. All with hair two inches long.

Sizes 0 and 1—For Scroll Striping, Light Mouldings, Gear Parts, etc.

Size 2 —Popular Size, Excellent for Body Work.

Size 3 —Fine for Round Lines on Wheels.

Size 4 —Like Size 3, only holds more color.

No. 2221. THE "MACKINTOSH" PROFESSIONAL BROAD LINERS

An Extra Thick Square End Striper for making Broad Lines. This Striper is used flat on the edge.

Sizes 1, 2, 3 and 4—All with hair two inches long.

No. 2226. CAMEL HAIR STRIPING QUILLS

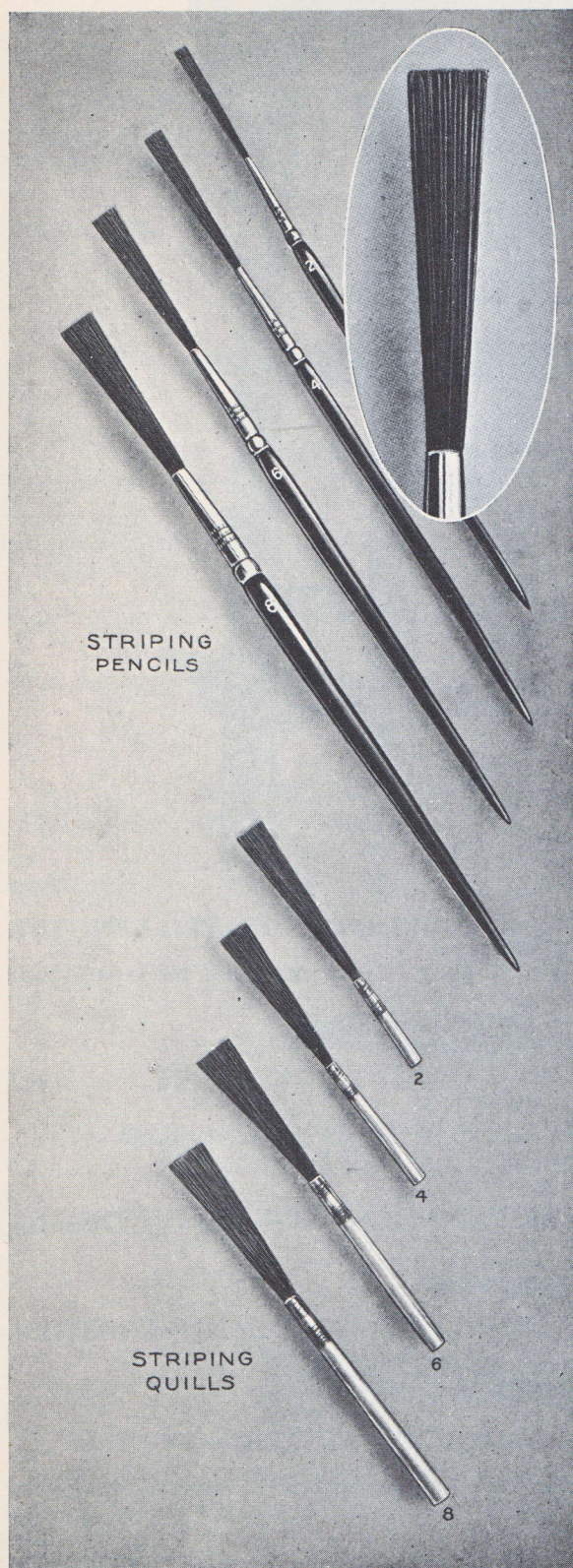
Long Brown Squirrel Hair, Set in Quills, Green, Red Silk and Gold Bound. The Popular Retail Store Number.

Size.....	1	2	3	4
Length of Hair	2"	2"	2"	2"
Size.....	5	6	7	8
Length of Hair	2"	2"	2"	2"

No. 2226. STRIPING QUILL ASSORTMENT

A Popular Assortment for Retail Stores. Contains one gross of No. 2226 Camel Hair Striping Quills, Assorted sizes No. 1 to 8. Put up in attractive partitioned display box with Celloglas Top, including one dozen Quill Sticks.

STRIPING BRUSHES



No. 2210. BLACK SABLE STRIPING BRUSHES

A long stock brush, made in Nickel Ferrules, on Black or Cedar Polished Handles. Used for Striping and Lining on Motor Cars, Coaches, Furniture, etc.

Size.....	1	2	3	4
Length of Hair	1 $\frac{3}{4}$ "	1 $\frac{3}{4}$ "	2"	2"
Size.....	5	6	7	8
Length of Hair	2"	2"	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "

No. 2212. BLACK SABLE STRIPING QUILLS

Set in Quills, Red Silk and Gold Bound. Used for Striping and Lining on Motor Cars, Coaches, Furniture, etc.

Size.....	1	2	3	4
Length of Hair	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "
Size.....	5	6	7	8
Length of Hair	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "

No. 2214. OX HAIR STRIPING BRUSHES

A long stock brush in Nickel Ferrules, on Black or French Blue Polished Handles. Used for Striping and Lining on Motor Cars, Coaches, Furniture, etc.

Size.....	1	2	3	4
Length of Hair	1 $\frac{3}{4}$ "	1 $\frac{3}{4}$ "	2"	2"
Size.....	5	6	7	8
Length of Hair	2"	2"	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "

No. 2216. OX HAIR STRIPING QUILLS

Set in Quills, Red Silk and Gold Bound. Used for Striping and Lining on Motor Cars, Coaches, Furniture, etc.

Size.....	1	2	3	4
Length of Hair	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "
Size.....	5	6	7	8
Length of Hair	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "

Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter & Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners' Moulders' Brushes

Brooms

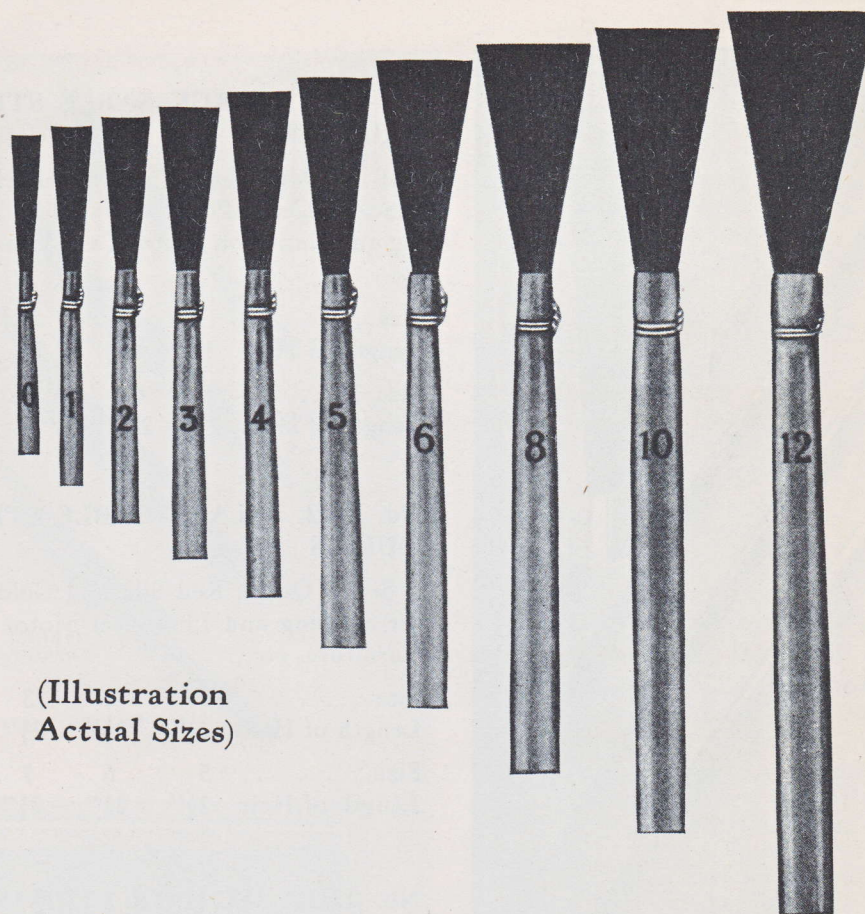
Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

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FRENCH QUILL BRUSHES



(Illustration
Actual Sizes)

No. 2173. CAMEL HAIR SHADERS OR LETTERING QUILLS, GRADUATED LENGTHS

"Made in France." Large Series. Patented Brass Wire Binding. Made especially for Japan Color and Window Lettering.

Size.....	0	1	2	3	4	5	6	7	8
Length of Hair	$\frac{3}{4}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{4}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "
Size.....	9	10	12	14	16				
Length of Hair	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "	$1\frac{1}{2}$ "				

No. 5008. CAMEL HAIR SHADERS OR LETTERING QUILLS, ONE INCH LENGTHS

Same specifications as No. 2173, only all sizes have 1 in. length of hair.

No. 5010. CAMEL HAIR SHADERS OR LETTERING QUILLS, $1\frac{1}{4}$ INCH LENGTHS

Same specifications as No. 2173, only all sizes have $1\frac{1}{4}$ " in. length of hair.

No. 5012. GREY CAMEL HAIR SQUARE SHADERS OR LETTERING QUILLS

"Made in France" of Talaoutky Squirrel Hair (so-called Grey Camel Hair). Patented Brass Wire Binding. Made especially for Heavy Color Lettering on smooth surfaces. Length of hair same as for No. 2173 listed above.

FRENCH QUILL BRUSHES



(Illustration Actual Sizes)

No. 5016. CAMEL HAIR SQUARE STRIPERS OR BANDERS, IN QUILLS

Length of Hair, $1\frac{1}{2}$ " on all Sizes. Sizes 0 to 12. For Oil or Japan Color Outlining or High Grade Striping, and China Painting.

No. 5017. CAMEL HAIR SQUARE STRIPERS IN QUILLS

Same as No. 5016, only hair is 2" long in all sizes.

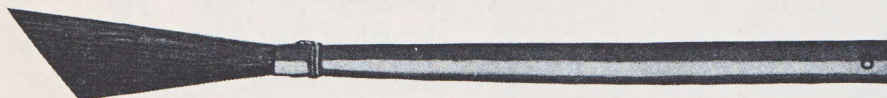


(Illustration Actual Sizes)

No. 5018. CAMEL HAIR POINTED LINERS OR SCROLLERS, IN QUILLS

Finest French Quality. Made specially for China Painting and Striping.

Size.....	1	2	3	4	5	6	7	8
Length of Hair	$\frac{11}{16}$ "	$\frac{11}{16}$ "	$\frac{13}{16}$ "	$\frac{13}{16}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{8}$ "



(Illustration Actual Sizes)

No. 5020. CAMEL HAIR SLANTING LINERS, IN QUILLS

Finest French Quality. Made specially for China Painting and Banding.

Size.....	1	2	3	4	5	6	7	8	9	10	11	12	14
Length of Hair	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "	$1\frac{1}{2}$ "	$1\frac{9}{16}$ "	$1\frac{5}{8}$ "	$1\frac{11}{16}$ "

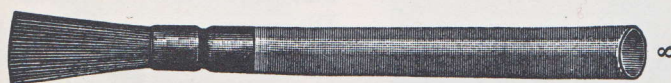


(Illustration Actual Sizes)

No. 5022. CAMEL HAIR POINTED SHADERS, IN QUILLS, SHORT LENGTHS

Finest French Quality. Made specially for Painting China.

Size.....	1	2	3	4	5	6	7	8
Length of Hair	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "



(Illustration Actual Sizes)

No. 5024. CAMEL HAIR SQUARE SHADERS, IN QUILLS, SHORT LENGTHS

Finest French Quality. Made specially for Painting China.

Size.....	1	2	3	4	5	6	7	8
Length of Hair	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{19}{32}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "

Stencil &
Marking
Brushes

Glue
Paste,
& Oil
Brushes

Floor,
Counter
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners
Moulder
Brushes

Brooms

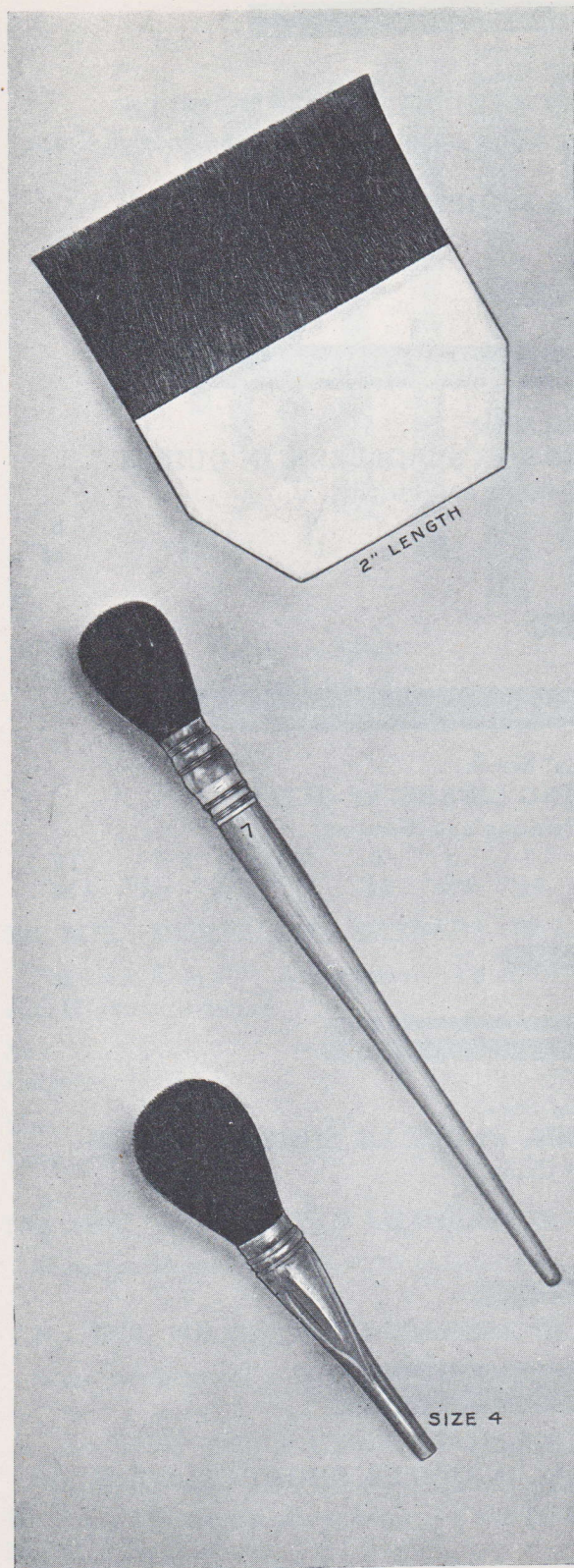
Scrub,
Dairy &
Bakers'
Brushes

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GILDERS' TIPS AND DUSTERS



No. 2230. CAMEL HAIR GILDERS' TIPS

Finest Grade Camel Hair, set in Blue Card Board, all 4" wide. Used for laying on Golding Leaf.

Length of Hair $1\frac{1}{2}"$ $2"$ $2\frac{1}{4}"$ $2\frac{1}{2}"$
 Width..... All Gilders' Tips are 4" wide

No. 2236. CAMEL HAIR GILDERS OR DUSTERS

Pure Camel Hair, Dome Top, set in Split Swan Quills, Wire Bound, on White Wood Handles. Used for Bronzing and Lacquering on Picture Frames. Extensively used by Batik Workers. Also used in Foundries for Dusting of Moulds.

Size.....	1	2	3	4	5
Diameter.....	$\frac{11}{32}"$	$\frac{13}{32}"$	$\frac{7}{16}"$	$\frac{1}{2}"$	$\frac{17}{32}"$
Length of Hair	$1\frac{1}{8}"$	$1\frac{3}{16}"$	$1\frac{1}{4}"$	$1\frac{5}{16}"$	$1\frac{3}{8}"$
Size.....	6	7	8	9	10
Diameter.....	$\frac{9}{16}"$	$\frac{5}{8}"$	$\frac{11}{16}"$	$\frac{3}{4}"$	$\frac{13}{16}"$
Length of Hair	$1\frac{7}{16}"$	$1\frac{1}{2}"$	$1\frac{9}{16}"$	$1\frac{5}{8}"$	$1\frac{11}{16}"$
Size.....	12	14	16		
Diameter.....	$\frac{7}{8}"$	$\frac{15}{16}"$	$1"$		
Length of Hair	$1\frac{3}{4}"$	$1\frac{7}{8}"$	$2"$		

No. 2238. GOAT HAIR MOPS IN SPLIT QUILLS

Soft Black Goat Hair, Dome Top, Set in Split Swan Quills, Wire Bound. Used for Dusting in Laboratories and Foundries, and for General Bronzing Purposes.

Size.....	0	1	2	3	4
Diameter.....	$\frac{5}{16}"$	$\frac{3}{8}"$	$\frac{7}{16}"$	$\frac{1}{2}"$	$\frac{9}{16}"$
Length of Hair	$1\frac{1}{8}"$	$1\frac{3}{16}"$	$1\frac{5}{16}"$	$1\frac{9}{16}"$	$1\frac{5}{8}"$
Size.....	5	6	7	8	10
Diameter.....	$\frac{5}{8}"$	$\frac{11}{16}"$	$\frac{3}{4}"$	$\frac{13}{16}"$	$\frac{7}{8}"$
Length of Hair	$1\frac{1}{16}"$	$1\frac{13}{16}"$	$1\frac{7}{8}"$	$2\frac{1}{8}"$	$2\frac{3}{16}"$

LACQUERING BRUSHES

No. 2263. ROUND CAMEL HAIR LACQUERING BRUSHES

Pure Kasane Hair, Vulcanized Setting, Guaranteed for use in Spirits. Polished Cedar Handles, Tin Ferrules. Recommended for Industrial Use.

Size.....	1	2	3	4	5	6
Diameter.....	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{11}{32}$ "
Length of Hair	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "

No. 2264. FLAT CAMEL HAIR LACQUERING BRUSHES

Pure Kasane Hair, Vulcanized Setting. Guaranteed for use in Spirits. Polished Cedar Handles, Tin Ferrules. Recommended for all Industrial Purposes.

Size.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length of Hair	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$1\frac{1}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "

No. 8903. FLAT GOAT HAIR LACQUERING BRUSHES

Soft Black Goat Hair, Orange Lacquered Handles, Tin Ferrules. An Inexpensive Brush for Retail Store Trade. These brushes are also put up in assortments. See "Warwick" Assortment, listed under "Brushes, Carded and Assorted".

Size.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length of Hair	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$1\frac{1}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "

NOTE—Many of the lacquers in use today contain powerful ingredients that have proven destructive of all old-style cement settings. For applying lacquers of this kind we recommend the use of only vulcanized brushes.

Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter & Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners' & Moulders' Brushes

Brooms

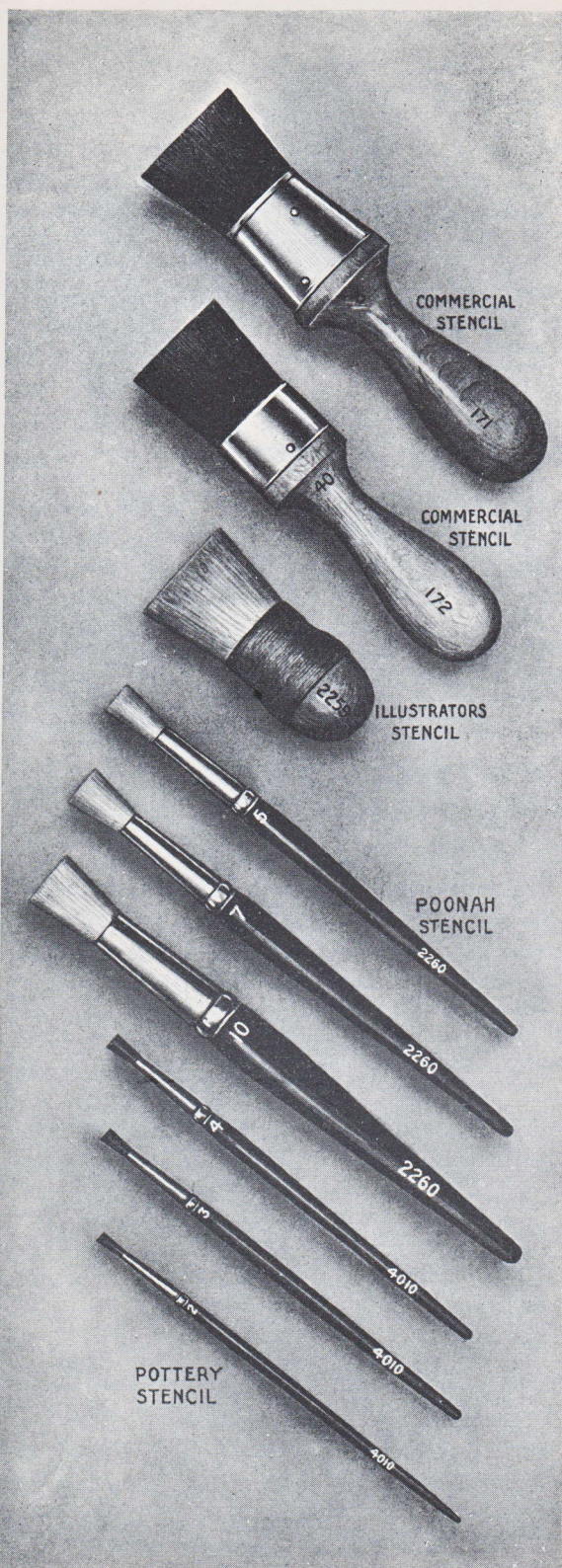
Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

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STENCIL BRUSHES



No. 171. COMMERCIAL STENCIL BRUSHES

Stiff Black Chinese Bristles, Nickel Plated Ferrules, Natural Polished Handles. Our most popular high-grade stencil brush.

Size.....	2	4	6	8	10	12
Diameter.....	$\frac{11}{16}$ "	$\frac{15}{16}$ "	$1\frac{1}{16}$ "	$1\frac{3}{16}$ "	$1\frac{7}{16}$ "	$1\frac{3}{4}$ "
Length of Bristles	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "

No. 172. COMMERCIAL STENCIL BRUSHES

Stiff Black Chinese Bristles, Solid Steel Ferrules, Nickel Plated, Natural Polished Handles. An extra stiff stencil brush that endures the most rigid tests.

Size.....	20	40	60	80	100
Diameter.....	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "
Length of Bristles	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{5}{8}$ "
	200	300	400	500	
Diameter.....	$1\frac{3}{4}$ "	$1\frac{7}{8}$ "	2"	$2\frac{1}{8}$ "	
Length of Bristles	$1\frac{3}{4}$ "	$1\frac{7}{8}$ "	2"	$2\frac{1}{8}$ "	

No. 2259. ILLUSTRATORS' STENCIL BRUSHES

Made of French White Bristles, Wood Handles covered with Pig Skin, and Bound with Heavy Twine. This brush is specially designed for Stencil-ing on Motion Picture Slides, etc. The short handle makes it possible to grasp the handle with the hand completely gripping the brush.

Size.....	1	2	3
Diameter.....	$1\frac{1}{4}$ "	$1\frac{3}{4}$ "	2"
Length of Hair	$1\frac{1}{4}$ "	$1\frac{3}{4}$ "	2"

No. 2260. POONAH STENCIL BRUSHES

Stiff White French Bristles, Tin Ferrules, Polished Black Handles. An excellent brush for School Use.

Size.....	1	2	3	4	5	6
Diameter.....	$\frac{3}{16}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{3}{8}$ "
Length of Bristles	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "
Size.....	7	8	9	10	11	12
Diameter.....	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "
Length of Bristles	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "

No. 4010. POTTERY STENCIL BRUSHES

Black China Bristles, cut off square at end to produce maximum stiffness. Black Polished Handles, Tin Ferrules. An extra stiff brush for use in Potteries.

Size.....	2	3	4
Diameter.....	$\frac{1}{8}$ "	$\frac{5}{32}$ "	$\frac{13}{64}$ "
Length of Bristles	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "

MARKING BRUSHES

No. 2265. GOAT HAIR MARKING BRUSHES

Soft Black Goat Hair, Long Polished Red Handles, Tin Ferrules.

Size.....	1	2	3	4	5	6
Diameter.....	$\frac{5}{32}$ "	$\frac{3}{16}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{9}{32}$ "	$\frac{5}{16}$ "
Length of Hair	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "

No. 2266. EXTRA CAMEL HAIR MARKING BRUSHES

Pure Camel Hair, Long Red Polished Handles, Tin Ferrules.

Size.....	1	2	3	4	5	6
Diameter.....	$\frac{5}{32}$ "	$\frac{3}{16}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{9}{32}$ "	$\frac{5}{16}$ "
Length of Hair	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "

No. 2268. OX HAIR MARKING BRUSHES

Pure Siberian Ox Hair, Long Red Polished Handles, Tin Ferrules.

Size.....	1	2	3	4	5	6
Diameter.....	$\frac{1}{8}$ "	$\frac{5}{32}$ "	$\frac{3}{16}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "
Length.....	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"

NOTE—Do not store small brushes close to heat. Excessive heat will dry out the wood in the small handles and may cause the handle to loosen up in the ferrule.



Stencil & Marking Brushes

Glue Paste, & Oil Brushes

Floor, Counter & Window Brushes

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners & Moulders' Brushes

Brooms

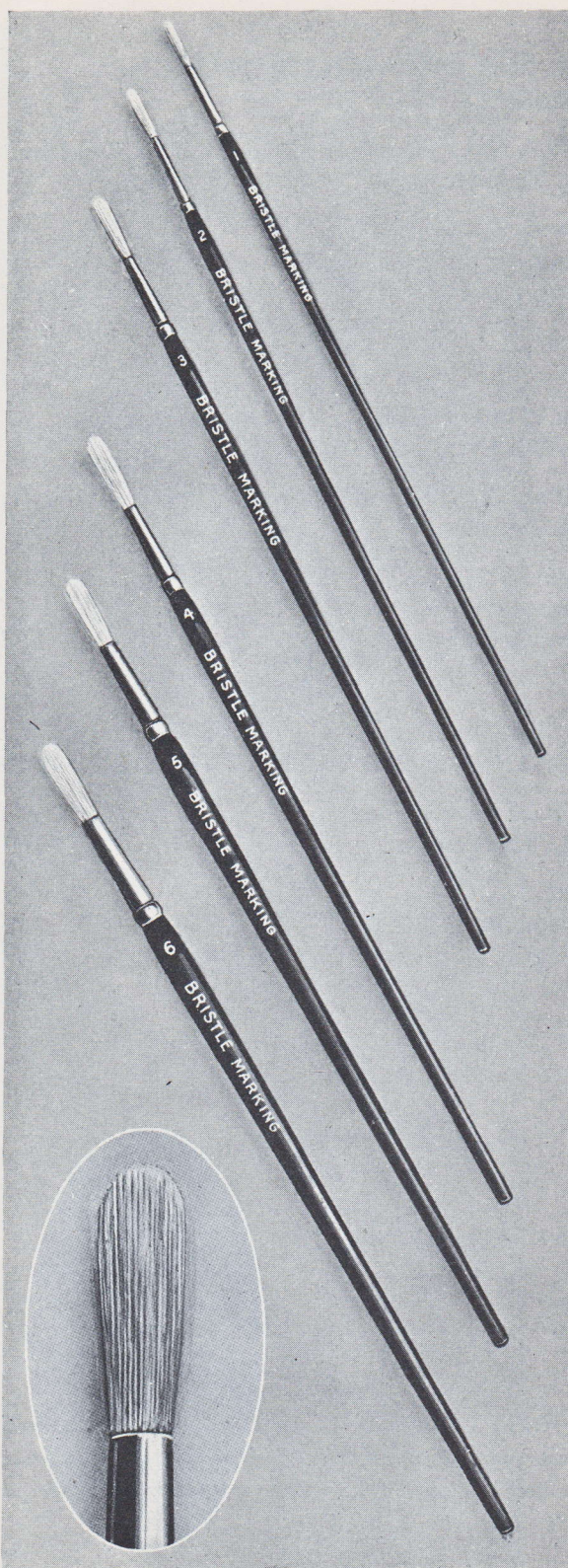
Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

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Index: Numerical

MARKING BRUSHES



No. 2269. BLACK BRISTLE MARKING BRUSHES

Pure Black Chinese Bristles, Long Plain White Handles, Tin Ferrules.

Size.....	1	2	3	4	5	6
Diameter.....	$\frac{1}{8}$ "	$\frac{5}{32}$ "	$\frac{3}{16}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{9}{32}$ "
Length.....	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "

No. 2270. WHITE BRISTLE MARKING BRUSHES

Pure White Bristles, Long Plain White Handles, Tin Ferrules.

Size.....	1	2	3	4	5	6
Diameter.....	$\frac{1}{8}$ "	$\frac{5}{32}$ "	$\frac{3}{16}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{9}{32}$ "
Length.....	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "

No. 2030. EXTRA WHITE BRISTLE MARKING

An Extra Quality French White Bristle Marking Brush, made on Long Maroon Polished Handles, Tin Ferrules.

Size.....	1	2	3	4	5
Diameter.....	$\frac{1}{8}$ "	$\frac{5}{32}$ "	$\frac{3}{16}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "
Length of Bristles	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "
Size.....	6	7	8		
Diameter.....	$\frac{9}{32}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "		
Length of Bristles	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "		

No. 2036. LYONS BRISTLE MARKING, ROUND

An Extra Quality French White Bristle Marking Brush, in Nickel Ferrules, on Yellow Polished Handles.

Size.....	1	2	3	4	5	6
Length of Bristles	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "
Size.....	7	8	9	10	11	12
Length of Bristles	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "

No. 2038. LYONS BRISTLE MARKING, FLAT

Same specifications as No. 2036 Round, except that they are made in Flat Style.

GLUE BRUSHES

No. 173. PATENT BRIDLED GLUE BRUSHES

The Best Solid Bristle Glue Brush made. Guaranteed not to come apart. Pure Grey Russian Bristles, Vulcanized Setting, in Solid Steel Ferrules, Compressed under Hydraulic Pressure, and Bridled with Wire. Plain White Wood Handles, Ferrules finished with Maroon Lacquer.

Used extensively by Furniture and Woodworkers, Bookbinders, Casket Manufacturers, Trunk and Leather Goods Manufacturers, Platers, Paper Box Makers; in fact, every class of work requiring glue or paste, either hot or cold. Also makes an excellent stiff Stencil Brush.

Size.....	2	4	6	8	10
Diameter.....	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Length of Bristles	1"	1"	$1\frac{1}{8}$ "	$1\frac{9}{16}$ "	$1\frac{13}{16}$ "
Size.....	12	14	16	18	20
Diameter.....	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "
Length of Bristles	$1\frac{7}{8}$ "	2"	$2\frac{1}{8}$ "	$2\frac{1}{4}$ "	$2\frac{3}{8}$ "
Size.....	22	24	26	28	30
Diameter.....	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "	$1\frac{7}{8}$ "	2"
Length of Bristles	$2\frac{1}{2}$ "	$2\frac{5}{8}$ "	$2\frac{3}{4}$ "	$2\frac{7}{8}$ "	3"

No. 90. FLAT COPPER BOUND GLUE BRUSHES

Made of Pure Grey Russian Bristles, Vulcanized in Copper Ferrules, Cedar Handles. A real substantial Flat Glue or Paste Brush that will endure the severest use.

Size.....	1"	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "
Length of Bristles	$1\frac{7}{8}$ "	$2\frac{1}{8}$ "	$2\frac{3}{8}$ "	$2\frac{5}{8}$ "
Size.....	3"	$3\frac{1}{2}$ "	4"	
Length of Bristles	$2\frac{7}{8}$ "	3"	$3\frac{3}{8}$ "	

No. 174. ROUND COPPER BOUND GLUE BRUSHES

Made of Best Grade Russian Bristles, Copper Bound and Capped, Bristles Vulcanized in Rubber and completely Encased in Copper. Made especially for Bookbinders, Paper Box, Furniture and Piano Manufacturers.

Size.....	1	2	3	4
Diameter.....	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	2"
Length of Bristles	$2\frac{1}{2}$ "	$2\frac{5}{8}$ "	$2\frac{3}{4}$ "	$2\frac{7}{8}$ "
Size.....	5	6	7	8
Diameter.....	$2\frac{1}{4}$ "	$2\frac{1}{2}$ "	$2\frac{3}{4}$ "	3"
Length of Bristles	3"	$3\frac{3}{8}$ "	$3\frac{3}{4}$ "	$4\frac{1}{4}$ "



Glue
Paste,
& Oil
Brushes

Floor,
Counter
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners
Moulder
Brushes

Brooms

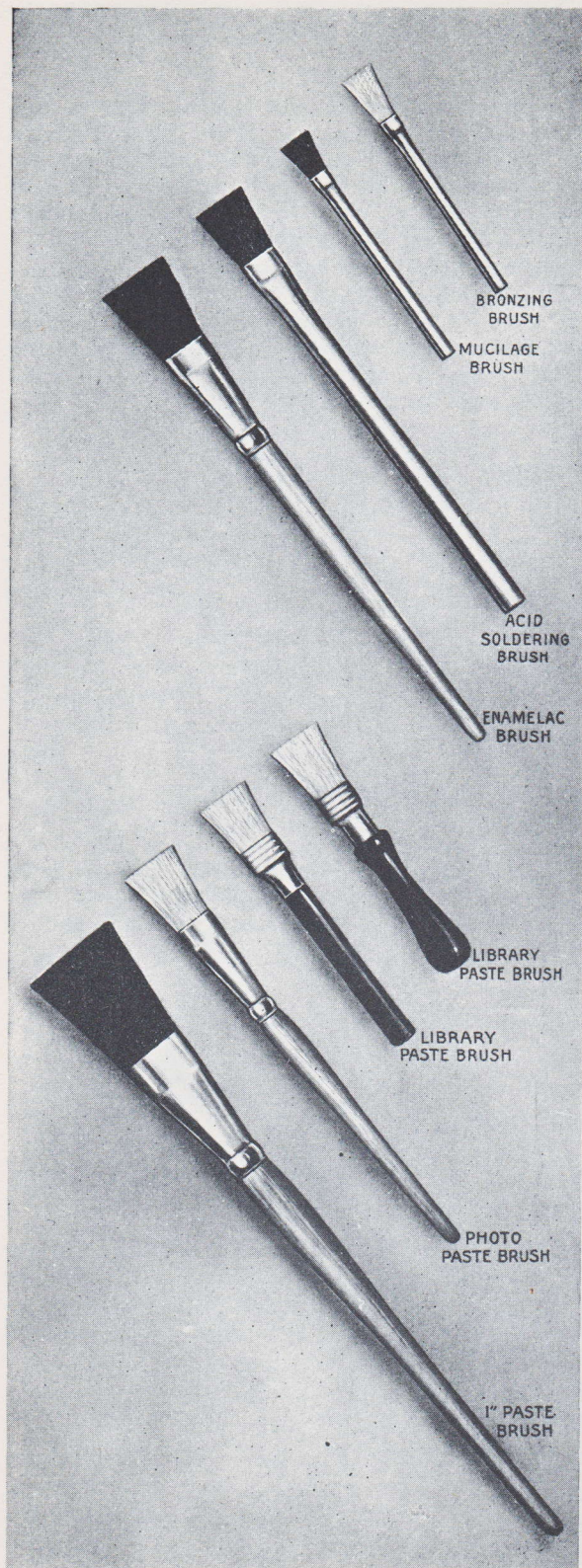
Scrub,
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Brushes

Shoe,
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PASTE, MUCILAGE AND ACID BRUSHES



No. 5. GOLD PAINT OR BRONZING BRUSHES

Made of White Goat Hair, in $2\frac{3}{4}$ " Tin Handles, $\frac{1}{4}$ " wide, Length of Hair $\frac{3}{4}$ " out.

No. 7. MUCILAGE BRUSHES

Made of Black Bristles, in $2\frac{3}{4}$ " Tin Handles, $\frac{1}{4}$ " wide, Length of Bristles $\frac{1}{2}$ " out.

No. 30. ENAMELAC BRUSHES

Made of Soft Black Goat Hair, $\frac{5}{8}$ " wide, Tin Ferrules, $4\frac{1}{2}$ " Round Tapered White Wood Handles. Length of Hair 1" out.

No. 15. ACID OR SOLDERING BRUSHES

Made of Stiff Black Bristles, in $5\frac{1}{4}$ " Tin Handles, $\frac{1}{2}$ " wide. Length of Bristles $\frac{3}{4}$ " out.

No. 8. LIBRARY PASTE BRUSHES

Made of Stiff White Hair, in Aluminum Non-Rust Ferrules, Shaped Knob-Type Handles 2" long, Black Polished. Length of Hair $\frac{7}{8}$ " out.

No. 9. LIBRARY PASTE BRUSHES

Made of Stiff White Hair, in Aluminum Non-Rust Ferrules, Straight Black Polished Handles $2\frac{1}{2}$ " long, Length of Hair $\frac{3}{4}$ " out.

No. 10. PHOTO PASTE BRUSHES

Made of French White Bristles, in Tin Ferrules $\frac{1}{2}$ " wide. Round Tapered White Wood Handles $3\frac{1}{2}$ " long. Length of Bristles $\frac{7}{8}$ " out.

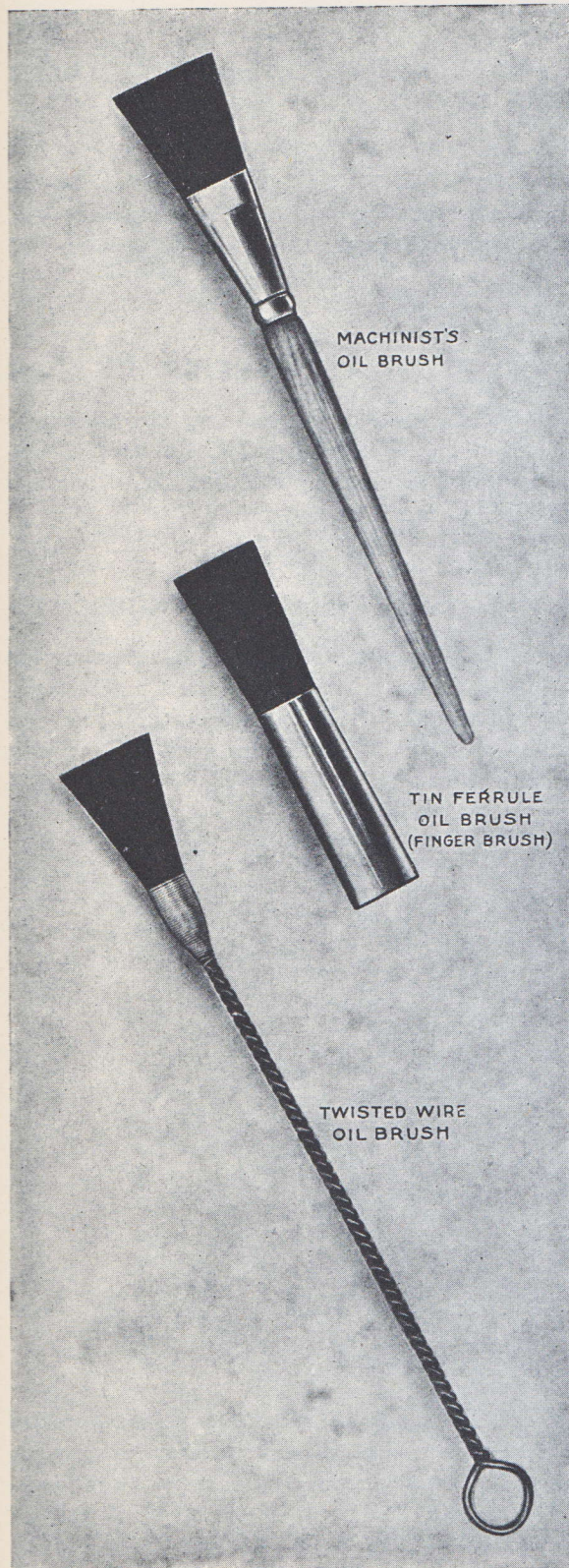
No. 42. ONE INCH PASTE BRUSHES

Made of Black Chinese Bristles, Vulcanized Setting. Round Tapered White Wood Handles $5\frac{1}{2}$ " long. Length of Bristles $1\frac{1}{2}$ " out.

No. 8909. "BEAUTY" PASTE BRUSHES

Mounted one dozen on a card. Made of French White Bristles, in Tin Ferrules, $\frac{1}{2}$ " wide. Round Tapered Handles finished in Brilliant Orange Lacquer. Length of Handles 5" long. Length of Bristles, $\frac{7}{8}$ " out.

MACHINIST'S OIL BRUSHES



No. 4002. MACHINIST'S OIL BRUSHES

Made of Black Chinese Bristles, Vulcanized Setting, in Tin Ferrules, on $5\frac{1}{2}$ " Round Tapered White Wood Handles. Length of Bristles $1\frac{1}{2}$ " out. Used in Factories for applying Oil to Machines, Drills and Lathes.

No. 165. TIN FERRULE OIL BRUSHES

This brush is commonly known in Industrial Plants as a "Finger Brush". This term has been acquired thru the fact that the brush has no handle but is grasped by inserting the finger in the open end of the ferrule. The brushes are used for applying oil to Machines, Drills and Lathes. Made of Solid Black Chinese Bristles, in Round $\frac{3}{4}$ " Diameter Round Ferrules. Length of Bristles 2" out. Length of Ferrule $2\frac{1}{2}$ ". Length Overall $4\frac{1}{2}$ ".

No. 154. TWISTED WIRE OIL BRUSHES

Made of Stiff Black Horse Hair Twisted into a Heavy Wire Handle. The hair is held securely by a $\frac{3}{4}$ " diameter ferrule of wire, wound tightly around the material. Length of handle 8". Length of hair $1\frac{3}{4}$ " out.

No. 120. FLAT OIL BRUSHES

Varnish Brush Style. All Black Chinese Bristles, Rubber Cement Set, Tin Ferrules, Plain White Wood Handles.

Size.....	$\frac{1}{2}$ "	1"	$1\frac{1}{2}$ "	2"
Length of Bristles	1"	$1\frac{5}{8}$ "	$1\frac{7}{8}$ "	$1\frac{7}{8}$ "

NOTE—We are in position to supply special brushes for industrial use. We welcome inquiries regarding special brush problems.

Floor,
Counter &
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Moulders'
Brushes

Brooms

Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

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TYPEWRITER AND DRAFTSMAN'S BRUSHES



No. 4000. TYPEWRITER BRUSH, TOOTH BRUSH STYLE

This brush is used for cleaning the type of the typewriter. Made of Stiff Black Bristles, Set in Flat Black Wood Handles, Toothbrush Style. Three Rows of Bristles. Handles $\frac{1}{2}$ " wide and 6" long.

No. 4004. FLAT TYPEWRITER BRUSHES

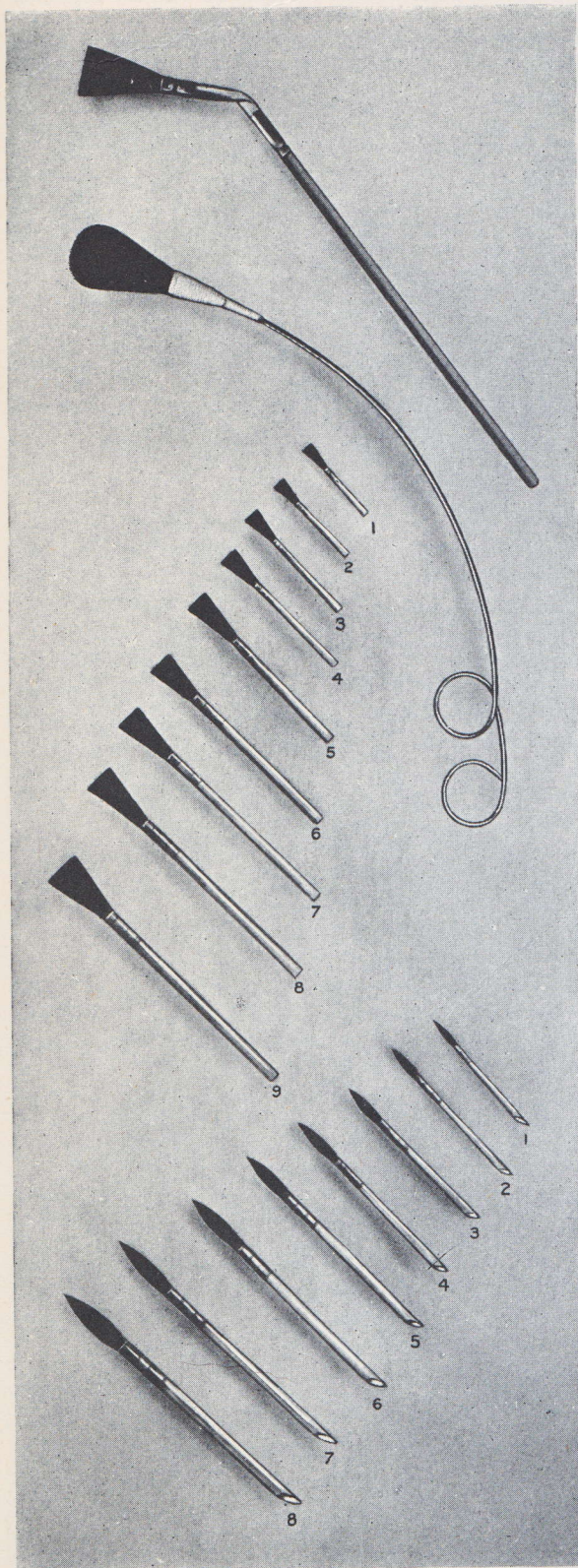
This brush is used for cleaning the machines. Made of Black Chinese Bristles, Vulcanized Setting, in Tin Ferrules, on Red Polished Handles. Width $\frac{3}{4}$ ". Length of Bristles $1\frac{1}{2}$ ".

No. 4005. DRAFTSMAN'S BRUSHES

These brushes are used by all Draftsmen for Dusting Purposes. Made of Black Chinese Bristles, set in a Fancy High Polished Natural Finished Handle. Length of Handle Block $14\frac{1}{2}$ ". Width of Handle Block $1\frac{1}{8}$ ". Length of Bristles $2\frac{3}{4}$ " out.

NOTE—If your line of brushes is not standardized in accord with modern business practice, allow us to submit our Standardized Brush Plan to fit your special requirements.

DRUGGIST'S AND JEWELER'S QUILL BRUSHES



No. 55. CAMEL HAIR THROAT BRUSHES

Made of Camel Hair set in Bent Quills. Attached to Short Plain Handles. Packed one dozen in an envelope, one gross per box.

No. 60. GOAT HAIR THROAT BRUSHES

Made of Sterilized Black Goat Hair, bound with White Thread. Wire Handles with two finger grips. Packed one dozen in an envelope, one gross per box.

No. 115. CAMEL HAIR QUILL BRUSHES, SQUARE

Known as Druggist Pencils, and in the Jewelry Supply trade as Borax Brushes. Made of Camel Hair set in Quills, Rose Bound.

Size.....	1	2	3	4	5
Length of Hair	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "
Size.....	6	7	8	9	
Length of Hair	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	

No. 196. CAMEL HAIR QUILL BRUSHES, POINTED

Made of Extra Fine Grade Camel Hair, Rose and Gold Bound. Made with a Very Fine Sharp Point, and used in the Jewelry Trade by Chain-makers.

Size.....	1	2	3	4
Length of Hair	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "
Size.....	5	6	7	8
Length of Hair	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "

No. 8912. QUILL ASSORTMENT

Camel Hair Quills, Rose Bound, Square End. Put up in assortment boxes containing one gross assorted sizes No. 1 to 8, with one dozen colored sticks. Boxes have Celloglas tops. A popular number for Drug Stores, Hardware & Paint Stores.

Floor,
Counter &
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Moulders'
Brushes

Brooms

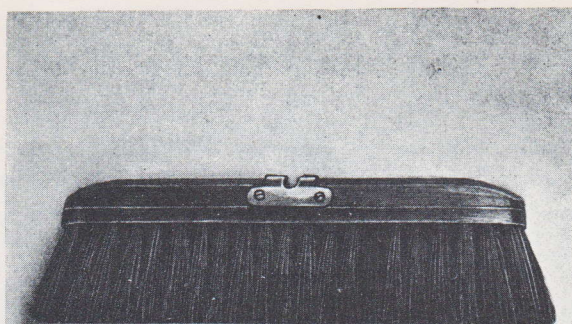
Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

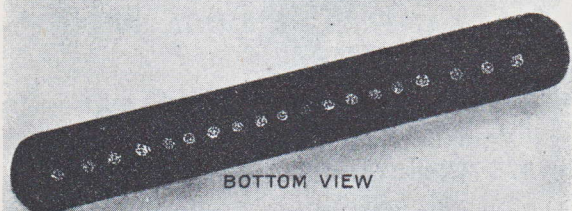
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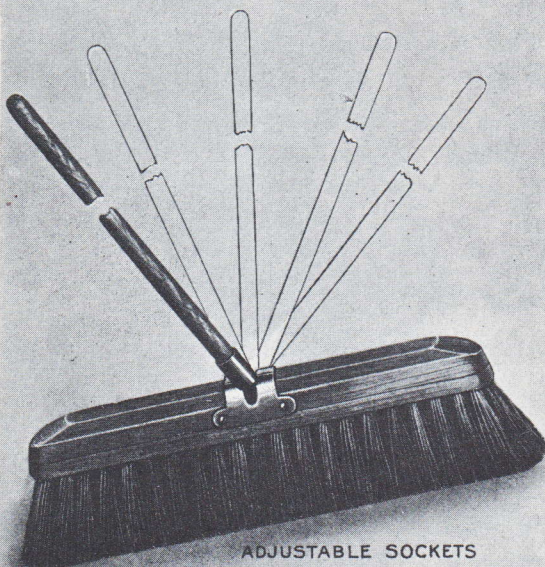
COMBINATION FLOOR BROOMS



SIDE VIEW



BOTTOM VIEW



ADJUSTABLE SOCKETS
REVERSIBLE HANDLES

Combination Floor Brooms are equipped with our adjustable sockets and reversible handles which enable the user to readily adjust the handle to the most convenient position.

By our method of thoroughly intermingling the Tempered Fine Carbon Steel Wire with the Fibre or Hair, greater stiffness and penetration is produced, which adds to the effectiveness of the broom for general sweeping. The wires are penetrating and will thoroughly remove the dust and dirt from cracks and crevices which would ordinarily be passed over by other floor brooms. The Fibre or Hair carries along and sweeps the dirt loosened by the wire, leaving a perfectly clean surface. Another advantage is, the wire prevents the Fibre or Hair from matting down, thus preserving the shape of the brush and keeping it in first-class sweeping condition until worn out.

On account of their effectiveness and durability, Combination Floor Brooms are unsurpassed for general sweeping, such as stores, offices, public buildings, factories, garages, bakeries, etc. In many places they have been substituted for high priced bristle brooms, because they do quicker and better work and last longer.

No. 500. "MASTER" COMBINATION FLOOR BROOMS

Grey Tampico Fibre, with One Row of Wire in Center of Broom, Green Polished Block, Adjustable Steel Handle Sockets, Green Polished 54" Handle supplied with each Broom.

Size.....	14"	16"	18"	24"
Length of Fibre	3"	3"	3"	3"

No. 501. "CAPITAL" COMBINATION FLOOR BROOMS

Grey Tampico Fibre and Wire Mixed throughout the broom, Adjustable Steel Handle Sockets, Green Polished 54" Handle, supplied with each broom.

Size.....	14"	16"	18"	24"
Length of Fibre	3"	3"	3"	3"

No. 502. "JERSEY" COMBINATION FLOOR BROOMS

Bassine Fibre, with One Row of Wire in Center of Broom. Adjustable Steel Handle Sockets, Green Polished 54" Handle supplied with each broom.

Size.....	14"	16"	18"	24"
Length of Fibre	3"	3"	3"	3"

No. 503. "TRENT" COMBINATION FLOOR BROOMS

Black Horsehair Casing, Black Tampico Fibre Center, contains NO Wire. Adjustable Steel Handle Sockets, Green Polished 54" Handle supplied with each Broom.

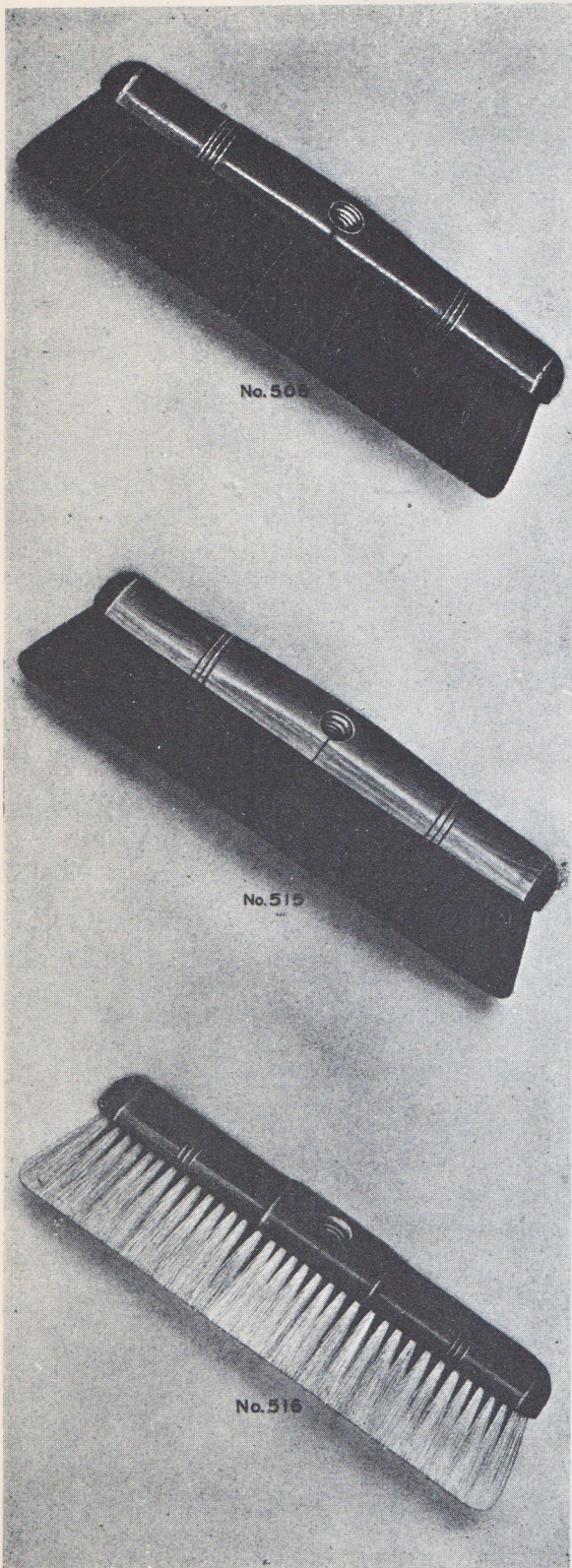
Size.....	14"	16"	18"	24"
Length of Hair	3"	3"	3"	3"

No. 504. "TRENT SPECIAL" COMBINATION FLOOR BROOMS

All Black Horsehair, contains No Wire, Adjustable Steel Handle Sockets, Green Polished 54" Handle supplied with each broom.

Size.....	14"	16"	18"	24"
Length of Hair	3"	3"	3"	3"

FLOOR BROOMS



No. 505. GREY FIBRE FLOOR BROOMS

Mixed Grey Tampico Fibre, Staple Set, Red Polished Block, Threaded 54" Handle supplied with each broom. A durable broom for semi-rough sweeping, such as sidewalks, store floors, etc.

Size.....	12"	14"	16"	18"	24"
Length of Fibre	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "

No. 511. MIXED HAIR AND FIBRE FLOOR BROOMS

Black Horsehair Casing, Black Tampico Fibre Center, Red Polished Block. Threaded 54" Handle supplied with each broom. The Tampico Center supplies the required stiffness and the Horsehair Casing sweeps the fine dust. A Favorite Factory Broom.

Size.....	12"	14"	16"	18"	24"	30"	36"
Length of Stock	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "

No. 515. BLACK HAIR FLOOR BROOMS

Selected Black Horsehair, Red Polished Block, Threaded 54" Handle supplied with each broom. The soft texture of this broom makes it suitable for sweeping smooth floors, such as Hardwood, Tile and Linoleum.

Size.....	12"	14"	16"	18"	24"	30"	36"
Length of Hair	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "

No. 516. WHITE HAIR CASED FLOOR BROOMS

Selected White Horsehair Casing, Black Horsehair Center, Red Polished Block. Threaded 54" Handle supplied with each broom. The contrast of the Pure White Hair and the Brilliant Red Block makes this a Very Attractive Broom. A Popular Broom for Office and Household Use.

Size.....	12"	14"	16"	18"	24"
Length of Hair	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "

Floor,
Counter &
Window
Brushes

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Moulders
Brushes

Brooms

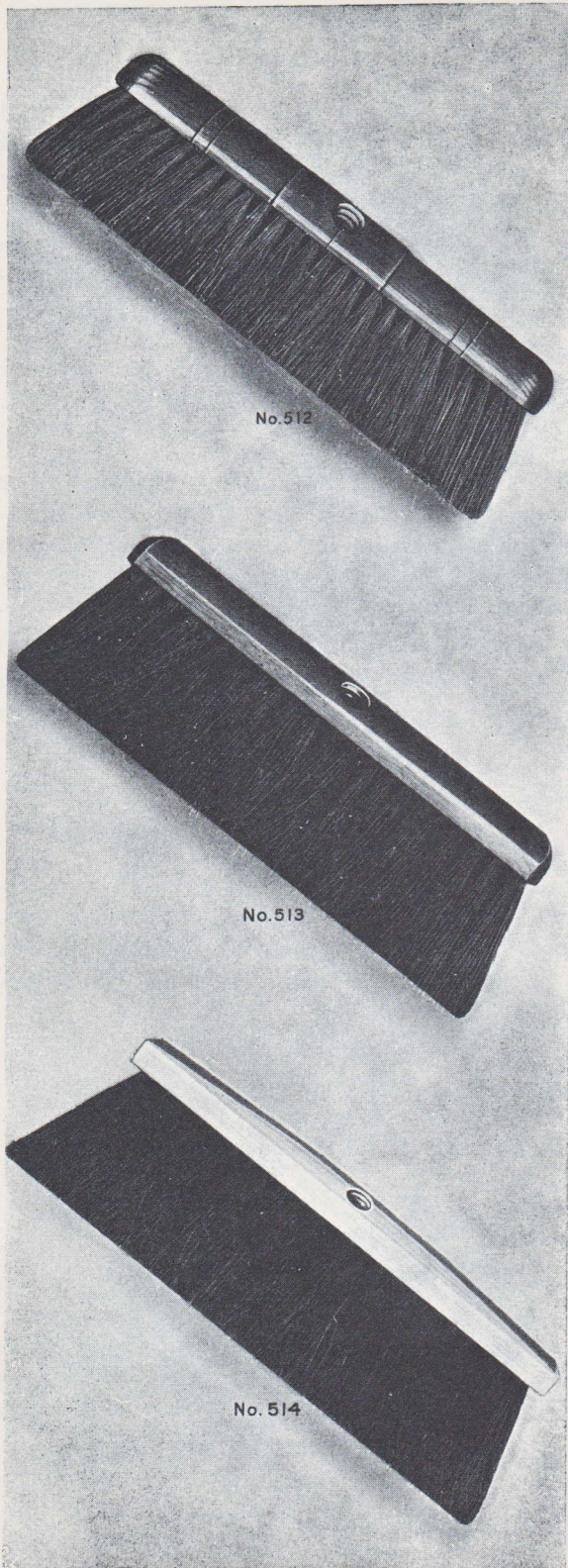
Scrub,
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Shoe,
Auto &
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FLOOR BROOMS



No. 512. RED FIBRE FLOOR BROOMS

Tough Red Fibre, Staple Set, Yellow Polished Hardwood Block. Threaded 54" Handle supplied with each broom. A Substantial Broom for Heavy Factory Sweeping, such as Garages, Platforms, etc.

Size.....	14"	16"	18"	24"
Length of Fibre.....	3 $\frac{1}{4}$ "	3 $\frac{1}{4}$ "	3 $\frac{1}{4}$ "	3 $\frac{1}{4}$ "

No. 513. PALMYRA FIBRE FLOOR BROOMS

Best Grade Light Brown Palmyra Fibre, Staple Set, Yellow Polished Hardwood Block. Threaded 54" Handle supplied with each broom. Made especially for Heavy Sweeping in Garages, Gasoline Stations, etc.

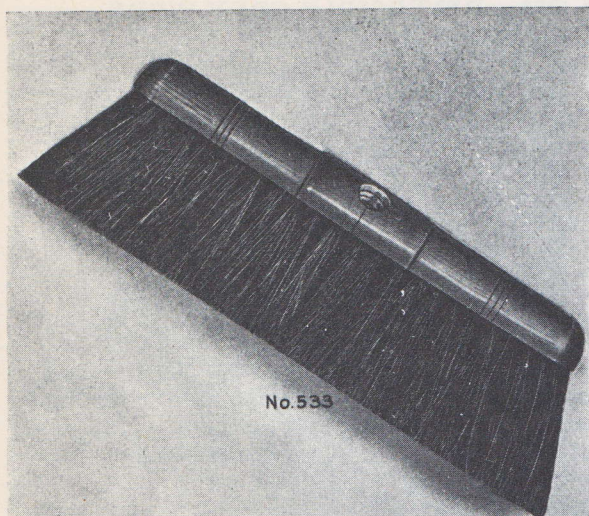
Size.....	14"	16"	18"	24"
Length of Fibre.....	4"	4"	4"	4"

No. 514. BASSINE FIBRE FLOOR BROOMS

Best Grade Dark Brown Stiff Bassine Fibre, Staple Set, Plain Sanded Hardwood Block. Tapered 54" Plain Hardwood Handle supplied with each broom. A Popular Broom for Wet Sweeping in Dairies, Packing Houses, etc., and for Coarse Rough Sweeping, such as Sidewalks, Driveways, etc.

Size.....	14"	16"	18"	24"
Length of Fibre.....	4"	4"	4"	4"

FLOOR BROOMS



No. 533

No. 533. MIXED GREY BRISTLE FLOOR BROOMS

Mixed Grey Russia Bristle, Cement Set, Red Polished Block, Threaded 54" Handle supplied with each broom. A Good Broom for Schools and Offices.

Size.....	14"	16"	18"	24"
Length of Bristles	3 $\frac{5}{8}$ "	3 $\frac{5}{8}$ "	3 $\frac{5}{8}$ "	3 $\frac{5}{8}$ "



No. 543

No. 543. GREY RUSSIA BRISTLE FLOOR BROOMS

Selected Grey Russia Bristle, Cement Set, Red Polished Block, Threaded 54" Handle supplied with each broom.

Size.....	14"	16"	18"	24"
Length of Bristles	3 $\frac{3}{4}$ "	3 $\frac{3}{4}$ "	3 $\frac{3}{4}$ "	3 $\frac{3}{4}$ "

No. 545. BLACK CHINA BRISTLE FLOOR BROOMS

Pure Black Chinese Bristles, Cement Set, Red Polished Block. Threaded 54" Handle supplied with each broom.

Size.....	14"	16"	18"	24"
Length of Bristles	3 $\frac{3}{4}$ "	3 $\frac{3}{4}$ "	3 $\frac{3}{4}$ "	3 $\frac{3}{4}$ "



No. 553

No. 553. "ACME" GREY RUSSIA BRISTLE FLOOR BROOMS

Pure Stiff Grey Russia Bristle, Staple Set. Natural Polished Block. Threaded 54" Handle supplied with each broom. A most satisfactory broom, which can be used with any Sweeping Compound or Oil, either wet or dry.

Size.....	14"	16"	18"	24"	30"	36"
Length of Bristles	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Moulders
Brushes

Brooms

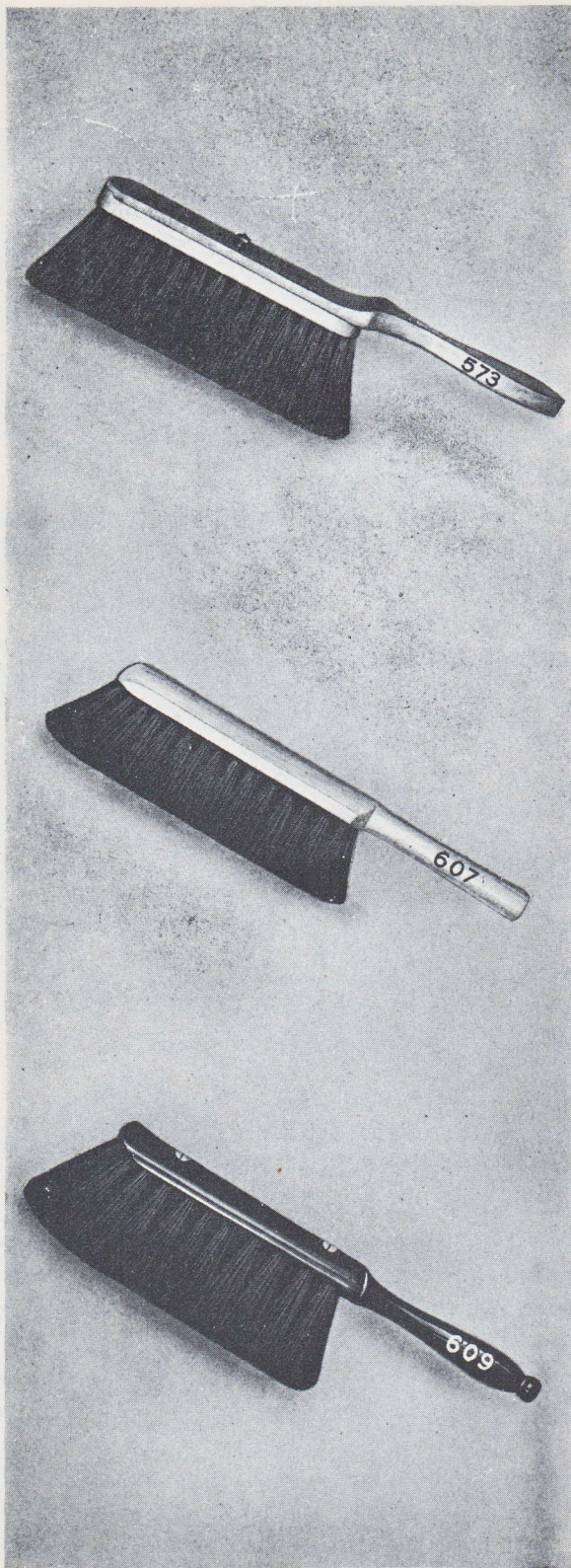
Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

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COUNTER OR BENCH DUSTERS



No. 571. REVERSIBLE GREY FIBRE DUSTING BRUSHES

All Grey Tampico Fibre, Staple Set, Natural Polished Handles. The feature of this style duster is its reversibility. When one end wears down you merely reverse, and you get equal service from the other end.

Length of Brushpart....	8 $\frac{1}{2}$ "
Length of Brush Overall	14 $\frac{1}{2}$ "
Width of Block.....	1 $\frac{1}{2}$ "
Length of Fibre.....	2 $\frac{3}{4}$ "

No. 573. REVERSIBLE GREY FIBRE DUSTING BRUSHES

All Grey Tampico Fibre, Staple Set, Natural Polished Handles. Same as No. 571, only a larger duster. Makes an excellent Stiff Duster for Heavy Dusting in Machine Shops, Automobile Plants, Railroads, etc.

Length of Brushpart....	9 $\frac{1}{2}$ "
Length of Brush Overall	15 $\frac{1}{2}$ "
Width of Block.....	1 $\frac{5}{8}$ "
Length of Fibre.....	2 $\frac{3}{4}$ "

No. 575. REVERSIBLE BLACK HAIR DUSTING BRUSHES

All Black Horsehair, Staple Set, Red Polished Handles. The Hair in this duster makes it more serviceable for Light Dusting requiring a Softer Brush.

Length of Brushpart....	7"
Length of Brush Overall	12"
Width of Block.....	1 $\frac{3}{8}$ "
Length of Hair.....	2 $\frac{1}{4}$ "

No. 601. GREY HAIR COUNTER DUSTERS

All Grey Horsehair, Staple Set, Natural Polished Handles. A Low Priced Duster for General Dusting.

Length of Brushpart....	7 "	8 "
Length of Brush Overall	12 "	13 "
Length of Hair.....	1 $\frac{3}{4}$ "	1 $\frac{3}{4}$ "

No. 607. BLACK HAIR COUNTER DUSTERS

All Black Horsehair, Staple Set, Solid Natural Polished Handles. This is our most Popular Low Priced Duster for General Use.

Length of Brushpart ..	8 "	9 "	10 "
Length of Brush Overall	13 "	14 "	15 "
Length of Hair.....	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "

No. 609. MIXED WIRE AND FIBRE BENCH DUSTERS

A Combination of Tempered Fine, Carbon Steel Wire and Grey Fibre, Wire Drawn, Red Polished Handles, of Two-piece Construction, Strongly Bolted together. The intermingling of the Wire with Fibre adds a Penetrating and Resisting Effectiveness. Especially adapted for use in Machine Shops, Factories, etc., for Heavy or Rough Bench Work.

Length of Brushpart ..	8"
Length of Brush Overall	14"
Length of Block.....	3"

COUNTER AND BENCH BRUSHES

No. 613. GREY FIBRE COUNTER OR BENCH BRUSHES

All Grey Tampico Fibre, Staple Set, Solid Red Polished Handles. Very Popular as a Low Priced Duster for Factories, Foundries, and Machine Shops. This brush is well filled, and stiff enough to sweep Steel Shavings and Filings.

Length of Brushpart	8 "	9 "
Length Overall.....	13½"	14½"
Length of Fibre ...	2¼"	2¾"

No. 615. BLACK HAIR COUNTER OR BENCH BRUSHES

All Black Horsehair, Staple Set, Solid Red Polished Handles. An Efficient Dust Brush for Household Use or wherever a Soft Brush is required for Light Dusting.

Length of Brushpart	8 "	9 "
Length Overall.....	13½"	14½"
Length of Hair.....	2⅜"	2⅞"

No. 617. GREY HAIR AND FIBRE COUNTER BRUSHES

Grey Horsehair Outside, Grey Tampico Fibre Center, Staple Set, Solid Natural Polished Handles. A Good Serviceable Heavy Factory Duster.

Length of Brushpart	8 "	9 "
Length Overall.....	13½"	14½"
Length of Hair.....	2⅜"	2⅞"

No. 623. WHITE BRISTLE CASED COUNTER BRUSHES

Pure White Bristles Outside, Mixed Grey Bristles in Center, Cement Set, Solid Red Polished Handles. The Contrast of the Pure White Bristle and the brilliant Red Polished Handles commands immediate attention to the beauty of this brush. This Bristle Duster is Popular for General Soft Dusting.

Length of Brushpart	8 "	9 "
Length Overall.....	14 "	15 "
Length of Bristle ..	2¼"	2½"

No. 633. GREY RUSSIA BRISTLE COUNTER DUSTER

Mixed All Grey Russia Bristles, Cement Set, Solid Natural Polished Handles. The Select Russia Bristles in this brush makes a Very Flexible Brush that will wear well and last a long time. A favorite brush in Flour Mills, Bakeries, and Rubber Factories.

Length of Brushpart	9 "
Length Overall.....	14½"
Length of Bristles	3⅝"

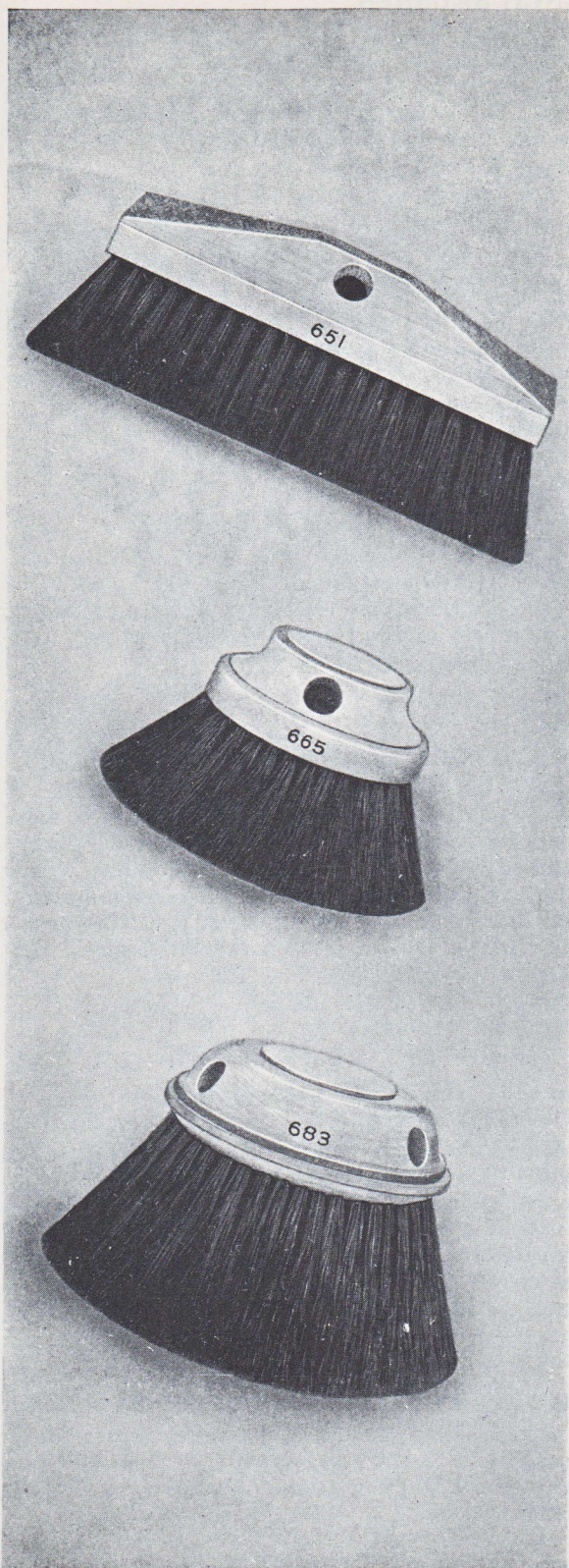
No. 610. LONG HANDLE LOOM DUSTER

Mixed Grey Hair and Tampico Fibre, Staple Set, Plain Sanded Long Handles. Specially constructed for Dusting around Looms in Lace Mills, Silk Mills, etc.

Length of Brushpart	5 "
Length Overall.....	18 "
Length of Hair.....	2½"



WINDOW CLEANING BRUSHES



No. 647. MIXED GREY HAIR OBLONG WINDOW BRUSHES

Black Horsehair Casing, Mixed Grey Horsehair Center, Staple Set, Solid Oblong Natural Polished Block. An Extra Full Brush of unusual value. Our Most Popular Low Priced Window Brush.

Length of Block $8\frac{1}{2}$ "
Width of Block $2\frac{3}{8}$ "
Length of Hair. $2\frac{1}{2}$ "

No. 651. BLACK HAIR OBLONG WINDOW BRUSHES

Extra Stiff All Black Horsehair, Staple Set, Solid Oblong Natural Polished Block. A Substantial Oblong Brush of Better Quality.

Length of Block $8\frac{1}{2}$ "
Width of Block $2\frac{3}{8}$ "
Length of Hair. $2\frac{1}{4}$ "

No. 665. GREY HAIR ROUND WINDOW BRUSHES

All Grey Horsehair, Staple Set, Solid Round Natural Polished Block. A Popular Low Priced Round Brush.

Diameter of Block $4\frac{1}{2}$ "
Length of Hair... $2\frac{1}{2}$ "

No. 671. BLACK HAIR ROUND WINDOW BRUSHES

Extra Stiff All Black Horsehair, Staple Set, Solid Round Red Polished Block. A Very Attractive Round Brush of Better Quality.

Diameter of Block $4\frac{1}{2}$ "
Length of Hair... $2\frac{1}{2}$ "

No. 673. BLACK HAIR ROUND WINDOW BRUSHES

Extra Stiff All Black Horsehair, Staple Set, Solid Round Red Polished Block. Same as No. 671 except on a larger Block.

Diameter of Block 5"
Length of Hair... $2\frac{1}{2}$ "

No. 681. GREY RUSSIA BRISTLE CAR WASHING BRUSHES

Mixed Grey Russia Bristles, Staple Set, Solid Round Natural Polished Block protected with Rubber Bumpers. A High Class Brush for Washing Railroad Cars, Delivery Cars, etc.

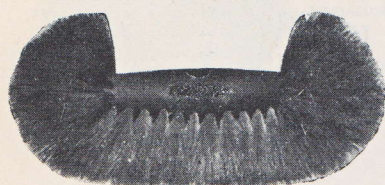
Diameter of Block $5\frac{1}{8}$ "
Length of Bristle $3\frac{3}{8}$ "

No. 683. EXTRA GREY RUSSIA BRISTLE CAR WASHING BRUSHES

Extra Long Mixed Grey Russia Bristles, Staple Set, Solid Round Natural Polished Block, protected with Rubber Bumpers. The Highest Quality Car Washer. Will satisfy the most critical user, and give Long Service.

Diameter of Block $5\frac{5}{8}$ "
Length of Bristle $3\frac{7}{8}$ "

CEILING, RADIATOR AND SANITARY BRUSHES



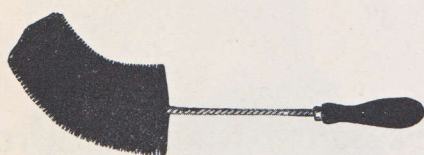
Ceiling Brush



Radiator Brush



Wood Handle Sanitary Brush



Wire Handle Sanitary Brush



Cuspidor Brush

CEILING BRUSHES

No. 695. CHINA BRISTLE CEILING BRUSHES

All Black Chinese Bristles, Cement Set, Red Polished Block. An efficient Brush for Dusting Ceilings or Walls, which will give Long Service.

Length Overall ..	13 "
Length of Block .	8 "
Length of Bristles	2 1/4 "

RADIATOR BRUSHES

All Black Horsehair, Staple Set, Long Plain Whitewood Handles.

	Rows Hair	Length Overall	Length Brushpart	Length Hair
No. 635	1	24"	9"	2 "
No. 636	2	25"	9"	2 1/2 "

SANITARY OR TOILET BRUSHES

CURVED WOOD HANDLE TYPE, BRASS WIRE WOUND

	Material	Dia. Brushpart	Length Brushpart	Length Overall
No. 481	Grey Fibre	3 1/2 "	6 1/2 "	30"
No. 483	Grey Hair	3 1/2 "	6 1/2 "	30"
No. 486	Black Bristle	3 1/2 "	6 1/2 "	30"

STRAIGHT WOOD HANDLE TYPE, BRASS WIRE WOUND

	Material	Dia. Brushpart	Length Brushpart	Length Overall
No. 480	Grey Fibre	3 1/2 "	6 1/2 "	30"
No. 482	Grey Hair	3 1/2 "	6 1/2 "	30"
No. 485	Black Bristle	3 1/2 "	6 1/2 "	30"

WIRE HANDLE TYPE, TWO STEM TWIST

	Material	Dia. Brushpart	Length Brushpart	Length Overall
No. 487	Brown Fibre	3 3/4 "	6 1/2 "	17"

CUSPIDOR TYPE, STRAIGHT HANDLE, WIRE WOUND

	Material	Dia. Brushpart	Length Brushpart	Length Overall
No. 488	Red Fibre	3 1/4 "	4 1/2 "	15"

Wire Brushes

Power Rotary Brushes

Electro-Platers', Dry Cleaners' Moulders' Brushes

Brooms

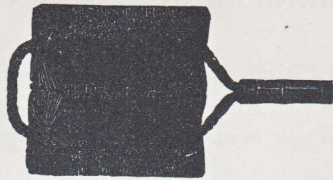
Scrub, Dairy & Bakers' Brushes

Shoe, Auto & Kitchen Brushes

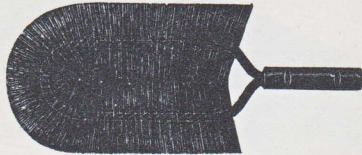
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STEEL WIRE BOILER OR FURNACE BRUSHES



Style "A"



Style "B"



Style "C"



Style "D"



Style "E"



Style "F"

STYLE "A" ROUND WIRE BOILER TUBE BRUSHES

	Depth of Brushpart	Width of Brushpart	Length of Brushpart	Dia. of Nipple
No. 273	1 $\frac{5}{8}$ "	4 "	4 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "
No. 274	2 $\frac{1}{2}$ "	6 "	4 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "
No. 275	3 $\frac{1}{2}$ "	6 $\frac{5}{8}$ "	4 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "

STYLE "B" ROUND WIRE BOILER TUBE BRUSHES

	Depth of Brushpart	Width of Brushpart	Length of Brushpart	Dia. of Nipple
No. 276	1 $\frac{3}{4}$ "	4 "	5 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "

STYLE "C" ROUND WIRE BOILER TUBE BRUSHES, OVAL SHAPE

	Depth of Brushpart	Width of Brushpart	Length of Brushpart	Dia. of Nipple
No. 277	2"	4"	4 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "
No. 278	2"	5"	4 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "

STYLE "D" ROUND WIRE BOILER TUBE BRUSHES, RECTANGULAR SHAPE

	Depth of Brushpart	Width of Brushpart	Length of Brushpart	Dia. of Nipple
No. 279	2"	4"	4 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "
No. 280	3"	5"	4 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "

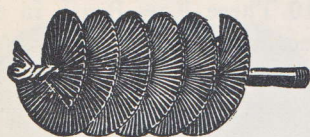
STYLE "E" ROUND WIRE BOILER TUBE BRUSHES

	Depth of Brushpart	Width of Brushpart	Length of Brushpart	Dia. of Nipple
No. 281	2 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	6"	3 $\frac{3}{8}$ "

STYLE "F" FLAT WIRE BOILER TUBE BRUSHES

	Depth of Brushpart	Width of Brushpart	Length of Brushpart	Dia. of Nipple
No. 282	2"	3 $\frac{1}{4}$ "	4"	1 $\frac{1}{4}$ "
No. 283	2"	4"	4"	1 $\frac{1}{4}$ "

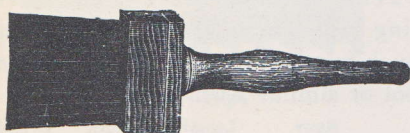
FLUE AND ROUND STEEL WIRE SCRATCH BRUSHES



Flat Wire Flue Brush



Round Wire Flue Brush



Wire Duster



Wire Brush Assortment



File Card Brush

ROUND FLUE BRUSHES

SPECIAL NOTE: It is standard practice to designate all Round Flue Brushes by the Outside Diameter of the Flues, which are approximately $\frac{1}{4}$ " greater than the inside Diameters. All Flue Brushes are made to allow for this difference between the inside and outside diameters of the Flues.

For example, a brush for a 3" Standard Flue is referred to as a 3" Flue Brush, but the brush will be actually only $2\frac{3}{4}$ " in diameter.

If an Exact Size Flue Brush is wanted it must be stated on the order, otherwise Standard Flue Brush size will be supplied.

Brushes smaller than 2" diameter take the price of 2" size.

No. 200. FLAT WIRE SINGLE SPIRAL FLUE BRUSHES

Flue Sizes.....	1"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	2"
Length of Brushpart	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "
Diameter of Nipple.	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "
Flue Sizes.....	2 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	3"	
Length of Brushpart	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	
Diameter of Nipple.	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	
Flue Sizes.....	3 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	3 $\frac{3}{4}$ "	4"	
Length of Brushpart	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	
Diameter of Nipple.	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	

No. 202. ROUND WIRE SINGLE SPIRAL FLUE BRUSHES

Flue Sizes.....	1"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	2"
Length of Brushpart	5"	5"	5"	5"	5"
Diameter of Nipple.	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "
Flue Sizes.....	2 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	3"	
Length of Brushpart	5"	5"	5"	5"	
Diameter of Nipple.	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	
Flue Sizes.....	3 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	3 $\frac{3}{4}$ "	4"	
Length of Brushpart	5"	5"	5"	5"	
Diameter of Nipple.	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	

WIRE SCRATCH BRUSHES

No. 213. ROUND STEEL WIRE DUSTER

Used by Painters for removing dirt around Mouldings, Baseboards, etc. Used by Machinists for brushing Chips and Borings from Machines.

Width of Block	1 $\frac{1}{8}$ "
Length of Block	2 $\frac{3}{8}$ "
Number of Rows	4 x 10
Length of Wire	2 $\frac{1}{2}$ "

No. 214. ROUND STEEL WIRE BRUSH ASSORTMENT

Prominently displayed on counter these brushes will sell themselves. The Attractive Display Box commands immediate attention. Each Box Contains 1 $\frac{1}{2}$ dozen of our Standard Brushes, as follows.

2 only No. 208	2 only No. 212
2 only No. 209	2 only No. 213
4 only No. 210	4 only No. 227
2 only No. 211	Total: 1 $\frac{1}{2}$ dozen Brushes

No. 215. FILE CARD BRUSHES

Round Steel Wire in a Fabric Backing on Plain Wood Handle. Used for Cleaning Files, Fine Threads, removing solder, and for removing surplus rubber on Tires, preparatory to Vulcanizing.

Length Overall....	8 $\frac{1}{2}$ "
Length of Brushpart	3 $\frac{3}{4}$ "
Width of Brushpart	1 $\frac{1}{2}$ "
Length of Wire.....	$\frac{1}{4}$ "

Wire
Brushes

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Moulders
Brushes

Brooms

Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

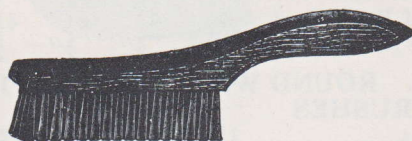
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ROUND STEEL WIRE SCRATCH BRUSHES



Long Handle Type



Shoe Handle Type



Flat Block Type



Curved Block Type

LONG CURVED HANDLE STYLE

The No. 210 Three Row Brush in this style is particularly recommended for Use in Auto Repair Shops and Garages, etc.

	Rows Wire	Length Block	Width Block	Length Brushpart	Length Wire
No. 201.....	2x19	14"	$\frac{11}{16}$ "	6"	$1\frac{1}{8}$ "
No. 210.....	3x19	14"	$\frac{15}{16}$ "	6"	$1\frac{1}{8}$ "
No. 203.....	4x19	14"	$1\frac{1}{8}$ "	6"	$1\frac{1}{8}$ "

SHOE HANDLE STYLE

This style Brush is recommended for Cleaning Architectural Iron Work, Figured Brass, etc., and for working in inaccessible places will be found more convenient than the larger and wider brushes. The No. 211 Four Row Brush is extensively used for cleaning Pipe Threads, Battery Terminals, etc. Works much faster and effectively than Sandpaper, Steel Wool or similar Abrasives.

	Rows Wire	Length Block	Width Block	Length Brushpart	Length Wire
No. 212....	2x17	10"	$\frac{5}{8}$ "	$5\frac{1}{4}$ "	$1\frac{1}{8}$ "
No. 206....	3x17	10"	$\frac{3}{4}$ "	$5\frac{1}{4}$ "	$1\frac{1}{8}$ "
No. 211....	4x17	10"	1"	$5\frac{1}{4}$ "	$1\frac{1}{8}$ "

FLAT BLOCK STYLE

Recommended for removing Paint, Varnish, Rust, Grease, etc. The No. 205 Brush is Extra Heavily Filled with Wire, and is made to withstand severe strain.

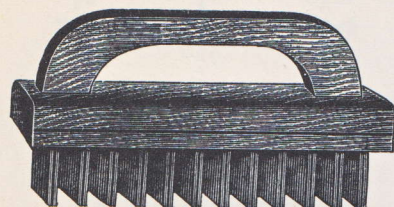
	Rows Wire	Length Block	Width Block	Length Brushpart	Length Wire
No. 208....	6x19	$7\frac{1}{4}$ "	$2\frac{1}{4}$ "	$6\frac{3}{4}$ "	$1\frac{3}{4}$ "
No. 205....	5x13	$7\frac{1}{2}$ "	$2\frac{1}{2}$ "	$6\frac{3}{4}$ "	$1\frac{5}{8}$ "

CURVED BLOCK STYLE

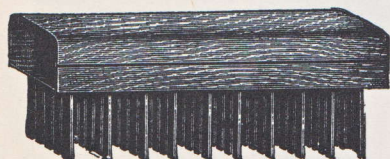
These Brushes are heavily filled. The Wires are trimmed to an Even End, making the Brushes very effective for Removing Varnish, Paint, or Wax from Wood or Metal Surfaces, preparatory to Refinishing.

	Rows Wire	Length Block	Width Block	Length Brushpart	Length Wire
No. 209....	9x21	7"	$2\frac{3}{4}$ "	$6\frac{3}{4}$ "	$1\frac{1}{4}$ "

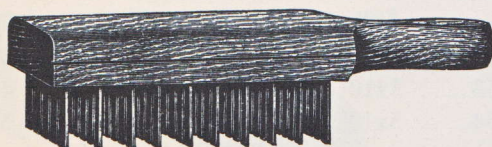
FLAT STEEL WIRE BUTCHERS' BLOCK BRUSHES



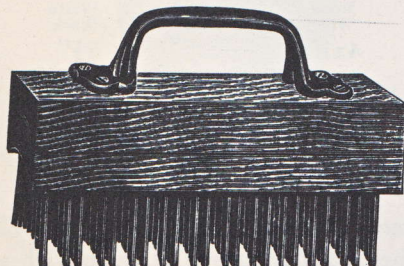
Jumbo Type



Plain Type



Single Handle Type



Condenser Pipe Brush

BUTCHER BLOCK BRUSHES

JUMBO STYLE

This style has an Extra Large Brushing Surface, and is Extra Heavy.

	Rows Wire	Length Block	Width Block	Length Wire
No. 207.....	8x12	9 $\frac{1}{4}$ "	3 $\frac{3}{4}$ "	1"

PLAIN FLAT BLOCK STYLE

In this style, the No. 218 is found most effective, and is most in demand.

	Rows Wire	Length Block	Width Block	Length Wire
No. 216.....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	1"
No. 217.....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	1 $\frac{1}{4}$ "
No. 218.....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	1 $\frac{1}{2}$ "

SINGLE HANDLE STYLE

Has the same brushpart as No. 216 Plain Flat Block type, but the block is made with a handle for the many that find it more convenient.

	Rows Wire	Length Block	Width Block	Length Wire
No. 219.....	5x10	12 $\frac{1}{2}$ "	2 $\frac{5}{8}$ "	1"

CONDENSER PIPE BRUSHES

Made with Concave Face, are very effective for removing Rust, Paint, or other accumulation from Round Pipe Surfaces. Made with Iron Handles.

		Rows Wire	Length Block	Width Block
No. 238	Flat Steel Wire	8x22	8"	2 $\frac{1}{8}$ "
No. 239	Round Steel Wire	8x22	8"	2 $\frac{1}{8}$ "

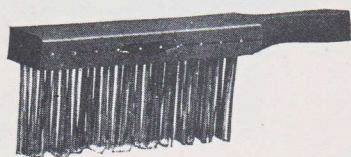
FLAT STEEL WIRE CASTING BRUSHES



Plain Block Type



Bridled Type



Handled Type



Round Type

PLAIN BLOCK STYLE

	Rows Wire	Length Block	Width Block	Length Wire
No. 222....	4x10	7 $\frac{3}{4}$ "	2 $\frac{1}{4}$ "	2"
No. 223....	4x10	7 $\frac{3}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "
No. 224....	4x10	7 $\frac{3}{4}$ "	2 $\frac{1}{4}$ "	3"
No. 225....	4x10	7 $\frac{3}{4}$ "	2 $\frac{1}{4}$ "	4"
No. 226....	4x10	7 $\frac{3}{4}$ "	2 $\frac{1}{4}$ "	5"

PLAIN BLOCK STYLE, EXTRA WIDE

	Rows Wire	Length Block	Width Block	Length Wire
No. 227....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	2"
No. 228....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	2 $\frac{1}{2}$ "
No. 229....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	3"
No. 230....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	4"
No. 231....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	5"
No. 232....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	6"

BRIDLED STYLE

Equipped with Heavy Sheet Iron Bridles to minimize vibration and retard breaking off of wires caused by crystallization. The added expense of the bridle is offset by the extended life of the brushes.

	Rows Wire	Length Block	Width Block	Length Wire
No. 252....	4x10	7 $\frac{3}{4}$ "	2 $\frac{1}{4}$ "	4"
No. 253....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	4"
No. 254....	5x10	7 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "	5"

HANDLED STYLE

This brush is preferred for cleaning Gear Castings.

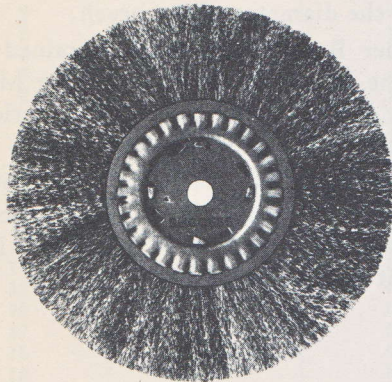
	Rows Wire	Length Block	Width Block	Length Wire
No. 233....	4x10	12"	2 $\frac{1}{4}$ "	3"
No. 234....	5x10	12"	2 $\frac{5}{8}$ "	3"

ROUND STYLE

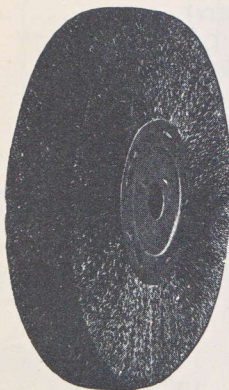
Recommended for cleaning Car Wheel Castings, and all other work requiring a brush with a Smaller Surface. Also used by Plasterers for Stucco Work.

	Dia. Block	Length Overall	Length Wire
No. 235.....	3"	12"	5"
No. 236.....	3"	13"	6"

"SOLO UNITS" STEEL WIRE POWER WHEEL BRUSHES



A Single Unit



A Six Unit Brush

"SOLO UNITS"

These Units are the Most Popular Style of Power Driven Wire Wheel Brushes. There are so many uses for Power Wheel Brushes that some operations require a brush with a narrow face, and others require a wide face brush. The "Solo Units" take care of this wide range of requirements simply and practically, as each Unit is a distinct and complete brush in itself. They can be built up to make wider brushes of any desired width of face without the use and expense of metal hubs.

The 4, 6, 8 and 10" brushes have a face $\frac{1}{2}$ " wide.

The 12 and 15" brushes have a face $\frac{3}{4}$ " wide.

Knowing the width of face of a single Unit as stated above, it is a simple matter to determine how many Units are required to build up a larger brush of any required width of face.

FOR EXAMPLE:

If a certain operation requires an 8" brush, with a face 2" wide, it would take 4 "Solo Units" to make the wider brush, as we know that each 8" Unit has a $\frac{1}{2}$ " wide face. The four Units are then slipped directly on the shaft of the motor, which is very simple, as the open center of the Units, which is known as the "Arbor Hole", comes in standard diameters to fit over any shaft.

NOTE: In ordering, specify the diameter of Arbor Hole required to fit the Shaft.

	Dia. of Unit	Width of Face	Gauge of Wire
No. 294.....	15"	$\frac{3}{4}$ "	33
No. 295.....	12"	$\frac{3}{4}$ "	34
No. 296.....	10"	$\frac{1}{2}$ "	35
No. 297.....	8"	$\frac{1}{2}$ "	36
No. 298.....	7"	$\frac{1}{2}$ "	36
No. 299.....	6"	$\frac{1}{2}$ "	36
No. 300.....	4"	$\frac{1}{2}$ "	37

	Dia. of Wire	Packing Per Box	Arbor Holes Stocked
No. 294.....	.011	6 Units	1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$ "
No. 295.....	.010	5 Units	$\frac{3}{4}$, 1, 1 $\frac{1}{4}$ "
No. 296.....	.0095	5 Units	$\frac{3}{4}$, 1, 1 $\frac{1}{4}$ "
No. 297.....	.009	4 Units	$\frac{1}{2}$, $\frac{3}{4}$, 1, 1 $\frac{1}{4}$ "
No. 298.....	.009	4 Units	$\frac{1}{2}$, $\frac{3}{4}$, 1"
No. 299.....	.009	4 Units	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1"
No. 300.....	.0085	3 Units	$\frac{3}{8}$, $\frac{1}{2}$ "

Power
Rotary
Brushes

Electro-
Platers',
Dry
Cleaners &
Moulders'
Brushes

Brooms

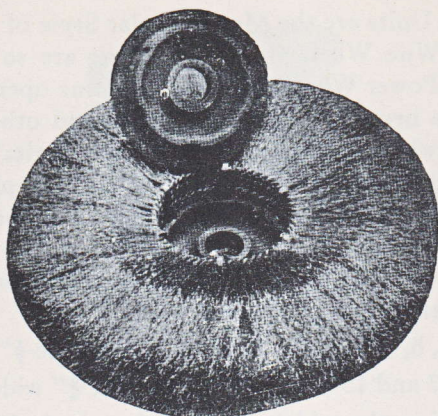
Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

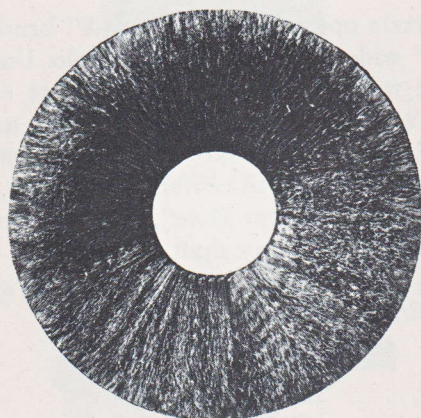
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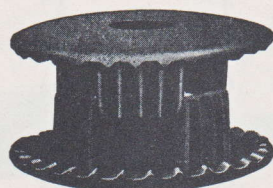
"SOLO INTERCHANGEABLE" HUBS and WIRE BRUSH FILLERS



A Set of Sections



A Single Section



Hub Only

The "Solo Interchangeable" is one of the oldest types of Power Wire Wheel Brushes and its merits are attested by the fact that after so many years there are still thousands of them in use.

The Filler Brushes are made in sections, which are Nested in Sets of either 4, 5 or 6 sections according to the diameter of the brush.

The Filler Brushes are firmly retained on the Shaft of the Motor by an Interlocking Malleable Iron Hub. These Hubs are made in various diameter Arbor Holes to fit Standard Shafts.

To renew the brushpart when worn down it is only necessary to order the Filler Brushes. The hubs are sold separately from the Filler Brushes, as they last indefinitely.

"SOLO INTERCHANGEABLE" HUBS

NOTE: When ordering Hubs, always specify the Arbor Hole required.

	Arbor Holes Stocked
No. 284 Hubs (Take No. 288 15" Diameter Fillers).....	1, 1 1/4"
No. 285 Hubs (Take Nos. 289 12" and 290 10" Dia. Fillers).....	1, 1 1/4"
No. 286 Hubs (Take No. 291 8" Diameter Fillers).....	3/4, 1, 1 1/4"
No. 287 Hubs (Take Nos. 292 7" and 293 6" Dia. Fillers).....	1/2, 3/4, 1"

"SOLO INTERCHANGEABLE" BRUSH FILLERS

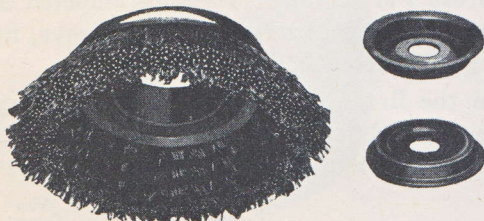
	Outside Dia.	Refills Hub No.	Sections Per Set.	Gauge of Wire	Dia. of Wire
No. 288 Fillers	15"	284	6	33	.011
No. 289 Fillers	12"	285	5	34	.010
No. 290 Fillers	10"	285	5	35	.0095
No. 291 Fillers	8"	286	4	36	.009
No. 292 Fillers	7"	287	4	36	.009
No. 293 Fillers	6"	287	4	36	.009

WIRE GAUGES, SPEED TABLES, "SOLO FLEXITE" CUP BRUSHES

Table of Round Wire Gauges

Diameter in Inches		
Gauge	Washburn * & Moen	Brown & Sharpe
No. 1	.283	.289
2	.263	.258
3	.244	.229
4	.225	.204
5	.207	.182
6	.192	.162
7	.177	.144
8	.162	.128
9	.148	.114
10	.135	.102
11	.120	.091
12	.105	.081
13	.092	.072
14	.080	.064
15	.072	.057
16	.063	.051
17	.054	.045
18	.047	.040
19	.041	.036
20	.035	.032
21	.032	.028
22	.028	.025
23	.025	.023
24	.023	.020
25	.020	.018
26	.018	.016
27	.017	.014
28	.016	.013
29	.015	.011
30	.014	.010
31	.0135	.009
32	.013	.008
33	.011	.007
34	.010	.0063
35	.0095	.0056
36	.009	.005
37	.0085	.0044
38	.008	.0039
39	.0075	.0035
40	.007	.003
41	—	.0028
42	—	.0025
43	—	.002221
44	—	.001978

* Most generally used—our standard.



Cup Brush and Adapters

SPEED OF POWER WHEEL BRUSHES

The speeds at which Wire Wheel Brushes are operated is a large factor in the effectiveness of the brushes. Power Wire Wheel Brushes are used in so many industries, on so many different kinds of surfaces and materials, and under such a wide range of conditions, that it is difficult to establish an invariable table of speeds.

Our corp of salesmen are trained in problems of Power Wheel Brushes, and will gladly visit any Industrial Plant, study the actual operations, and assist in working out these problems.

For general assistance we give below information which will cover average operations.

OPERATIONS REQUIRING A CUTTING EFFECT

These operations require brushes made of Extra Coarse Wire, ranging from No. 28 to No. 32 Gauge. Ordinarily brushes made of these Heavy Gauge Wires are not carried in stock, but are made up on order requiring approximately one week for delivery.

Operate at speeds approximating 1400 to 1800 R.P.M., according to the diameter of the brush and degree of cut desired.

OPERATIONS REQUIRING CLEANING EFFECT OR SATIN FINISH

Use brushes made of Medium Wires ranging from No. 33 to 36 Gauge. Brushes in these Gauges are regularly carried in stock.

Operate at speeds approximating 1800 to 2500 R.P.M., according to the texture of the surface being cleaned or finished.

OPERATIONS REQUIRING A FINE FINISHED OR BURNISHED EFFECT

First prepare surface with brushes described above for Cleaning or Satin Finish Effect, and follow with our Fine Wire Wheel Brushes (described on Page 87) made of wires ranging from .0075 to .003 Wires (B. & S. Gauge), operating at speeds from 2000 to 3500 R.P.M.

"SOLO FLEXITE" WIRE CUP BRUSHES

The "Solo Flexite" Wire Cup Brushes are specially designed for use on Portable Machines, and can be used on either Flexible Shafts or Electric Drills.

The Brushes are made of Regular High Carbon Brush Wire for Ordinary Cleaning Purposes, or of Special Analysis Music Wire for operations in which the brushes are subject to an Unusual amount of Resistance. A Pair of Adapters punched out to the required size Arbor Hole is furnished with each brush.

NOTE: In ordering, specify Arbor Hole required.

	Face Outside Dia.	Gauge of Wire	Arbor Holes Stocked
No. 381 Regular Wire	4"	No. 25 (.020)	$\frac{1}{2}$ ", $\frac{5}{8}$ "
No. 391 Regular Wire	6"	No. 22 (.028)	$\frac{1}{2}$ ", $\frac{5}{8}$ "

Regular Wire Brushes can be made in any gauge from No. 35 (.011) to No. 20 (.035) at no extra cost. Other gauges can be had at slight extra cost.

	Face Outside Dia.	Gauge of Wire	Arbor Holes Stocked
No. 387 Music Wire	4"	No. 25 (.020)	$\frac{1}{2}$ ", $\frac{5}{8}$ "
No. 397 Music Wire	6"	No. 20 (.035)	$\frac{1}{2}$ ", $\frac{5}{8}$ "

Music Wire Brushes can be made in any gauge from No. 30 (.014) to No. 20 (.035) at no extra cost. Other gauges can be had at slight extra cost.

Electro-
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Dry
Cleaners &
Moulders'
Brushes

Brooms

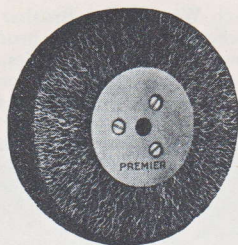
Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

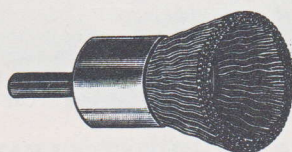
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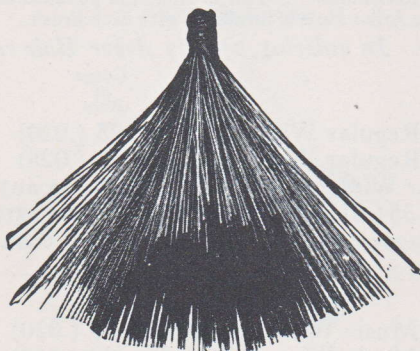
TIRE ROUGHING AND CARBON REMOVING BRUSHES



Tire Roughing Brush



Carbon Remover Brush



Cyclone Refillable Brush

"SOLO PREMIER" TIRE ROUGHING BRUSHES

This type brush is recommended for Tire Roughing and General Use in connection with Portable and Flexible Shaft Equipment.

It is made of Solid Compact Construction, and can be mounted directly on the Shaft. The side Plates are of Heavy Sheet Steel securely fastened to the core of the brush.

NOTE: When ordering, specify Arbor Hole desired.

	Dia. Brushpart	Width Face	Guage Wire	Arbor Holes Stocked
No. 370	3"	1"	No. 33 (.011)	$\frac{3}{8}$ ", $\frac{1}{2}$ "
No. 371	4"	1"	No. 33 (.011)	$\frac{3}{8}$ ", $\frac{1}{2}$ "

CARBON REMOVING BRUSHES

Designed for use with Portable Drill or Flexible Shaft Machines, and are more efficient than hand tools for Removing Carbon Deposits.

Made of Special Music Wire of .035 Guage. Can be made of finer wire for special purposes.

	Dia. Brushpart	Width Shank	Guage Wire	Length Overall
No. 375	1"	$\frac{1}{4}$ "	No. 20 (.035)	$3\frac{3}{4}$ "
No. 376	2"	$\frac{1}{2}$ "	No. 20 (.035)	$3\frac{3}{4}$ "

"CYCLONE" REFILLABLE WIRE BRUSHES

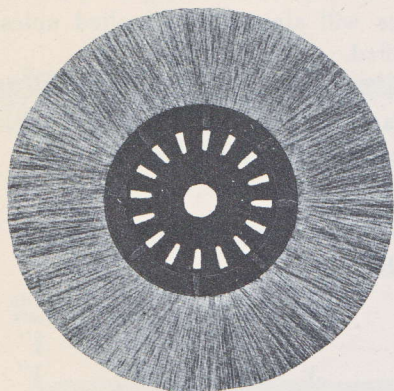
This type brush can be used for Removing Carbon or General Cleaning Purposes in Inaccessible Corners or Crevices. They are Economical to use due to the Refillable Feature.

The complete brush comes in Three Parts. The Wire Brush Part is made of High Tempered Steel Wire, and screws into a Heavy Steel Sleeve, fitted with a $\frac{1}{4}$ " Diameter Shank Part.

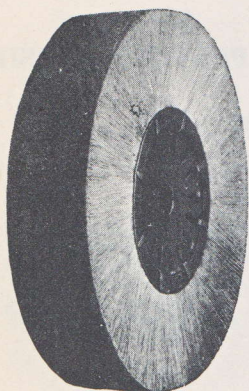
When the Brush is worn it is only necessary to purchase the Refill Brushes, as the Sleeve and Shank Parts last indefinitely.

		Dia. Facepart	Dia. Shank	Wire Guage
No. 377	Complete Brush	3"	$\frac{1}{4}$ "	No. 23 (.025)
	Adjustable to	2"		
No. 378	Refill (Sold Separately).			

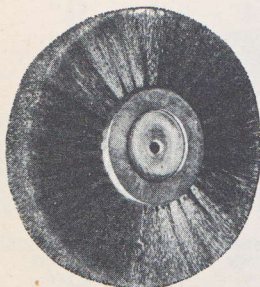
TAMPICO AND FINE WIRE WHEEL BRUSHES



A Single Tampico Unit



A Five Unit Tampico Brush



A Fine Wire Wheel Brush

"SOLO UNITS" TAMPICO WHEEL BRUSHES

Tampico "Solo Units" are suitable for Cutting and Polishing Work performed by Electroplaters, Manufacturers of Brass Goods, and Metal Finishers. They can be used either Wet or Dry with equal durability.

Each Unit is a distinct and Complete Brush in itself. They can be built up to make wide brushes of any desired width of face without the use and expense of hubs.

The 4, 6, 8 and 10" brushes have a face $\frac{3}{8}$ " wide.

The 12, 14, and 16" brushes have a face $\frac{1}{2}$ " wide.

The White Tampico used in the standard brushes is of a texture known as "Medium Grade". For Special Purposes, we can also supply them made of "Fine Grade", or "Coarse Grade" White Tampico.

NOTE: In ordering, specify the diameter of Arbor Hole required.

	Dia. of Unit	Width of Face		Dia. of Unit	Width of Face
No. 400..	16"	$\frac{1}{2}$ "	No. 404..	8"	$\frac{3}{8}$ "
No. 401..	14"	$\frac{1}{2}$ "	No. 405..	7"	$\frac{3}{8}$ "
No. 402..	12"	$\frac{1}{2}$ "	No. 406..	6"	$\frac{3}{8}$ "
No. 403..	10"	$\frac{3}{8}$ "	No. 407..	4"	$\frac{3}{8}$ "

"WOOD CORE" FINE WIRE DRAWN WHEEL BRUSHES

PURPOSE: Excellent for Fine Finishing and Burnished Effects, operated at speeds from 2000 to 3500 R.P.M.

WIRE: Made in either Steel or Brass Wire. Straight Wire will always be supplied unless otherwise requested. Crimped Wire will be supplied only when specifically requested on order.

GUAAGES: Made in the Standard Guages of .003, .0035, .004, .0045, .005, .0055, .006, .0065, .007, .0075.

ARBORS: Made with Standard Arbor Holes up to the Maximum Stated Below for each size. Can also be made with Tapered Spindle Holes if specifically requested on order.

NOTE: Specify on orders, guage of Wire and Arbor Hole required.

Steel	Brass	Dia. Wheel	Rows Wire	Dia. Core	Arbor Hole Any Size to
No. 330	No. 349....	3 "	2	1 "	$\frac{3}{8}$ "
No. 331	No. 350....	3 "	3	1 "	$\frac{3}{8}$ "
No. 332	No. 351....	3 "	4	1 "	$\frac{3}{8}$ "
No. 333	No. 352....	$3\frac{1}{2}$ "	2	$1\frac{1}{4}$ "	$\frac{3}{8}$ "
No. 334	No. 353....	$3\frac{1}{2}$ "	3	$1\frac{1}{4}$ "	$\frac{3}{8}$ "
No. 335	No. 354....	$3\frac{1}{2}$ "	4	$1\frac{1}{4}$ "	$\frac{3}{8}$ "
No. 336	No. 355....	4 "	2	$1\frac{1}{2}$ "	$\frac{3}{8}$ "
No. 337	No. 356....	4 "	3	$1\frac{1}{2}$ "	$\frac{3}{8}$ "
No. 338	No. 357....	4 "	4	$1\frac{1}{2}$ "	$\frac{3}{8}$ "
No. 339	No. 358....	5 "	2	2 "	$\frac{7}{8}$ "
No. 340	No. 359....	5 "	3	2 "	$\frac{7}{8}$ "
No. 341	No. 360....	5 "	4	2 "	$\frac{7}{8}$ "
No. 342	No. 361....	5 "	5	2 "	$\frac{7}{8}$ "
No. 343	No. 362....	5 "	6	2 "	$\frac{7}{8}$ "
No. 344	No. 363....	6 "	2	$2\frac{1}{2}$ "	$1\frac{1}{8}$ "
No. 345	No. 364....	6 "	3	$2\frac{1}{2}$ "	$1\frac{1}{8}$ "
No. 346	No. 365....	6 "	4	$2\frac{1}{2}$ "	$1\frac{1}{8}$ "
No. 347	No. 366....	6 "	5	$2\frac{1}{2}$ "	$1\frac{1}{8}$ "
No. 348	No. 367....	6 "	6	$2\frac{1}{2}$ "	$1\frac{1}{8}$ "

Electro-
Platers',
Dry
Cleaners &
Moulders'
Brushes

Brooms

Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

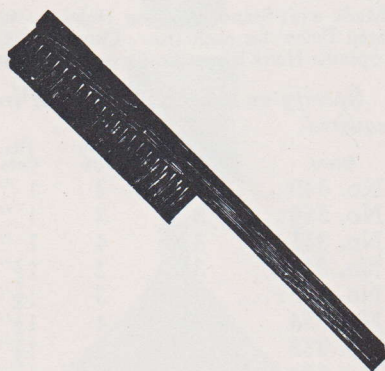
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PLATERS' AND ELECTROTYPERS' BRUSHES



Curved Handle Platers' Brush



Straight Handle Platers' Brush

LONG HANDLE PLATERS' HAND BRUSHES

Made with Curved or Straight Handles. Curved Handles will always be supplied unless otherwise specified.

Made in four materials, Steel Wire (.0055) Diameter, Brass Wire (.0055) Diameter, White Tampico Fibre, or of Black Chinese Bristles.

STEEL WIRE PLATERS' BRUSHES, STAPLE SET

	Rows Wire	Length Overall	Length Brushpart	Width Block	Length Wire
No. 242.....	2	12"	5½"	5⁄8"	1"
No. 243.....	3	12"	5½"	7⁄8"	1"
No. 244.....	4	12"	5½"	1⅛"	1"
No. 245.....	5	12"	5½"	1⅜"	1"
No. 246.....	6	12"	5½"	1⅝"	1"

BRASS WIRE PLATERS' BRUSHES, STAPLE SET

	Rows Wire	Length Overall	Length Brushpart	Width Block	Length Wire
No. 262.....	2	12"	5½"	5⁄8"	1"
No. 263.....	3	12"	5½"	7⁄8"	1"
No. 264.....	4	12"	5½"	1⅛"	1"
No. 265.....	5	12"	5½"	1⅜"	1"
No. 266.....	6	12"	5½"	1⅝"	1"

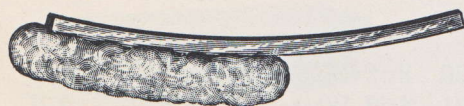
WHITE TAMPICO PLATERS' BRUSHES, STAPLE SET

	Rows Fibre	Length Overall	Length Brushpart	Width Block	Length Fibre
No. 903.....	2	12"	5½"	5⁄8"	1"
No. 904.....	4	12"	5½"	1⅛"	1"
No. 905.....	6	12"	5½"	1½"	1"

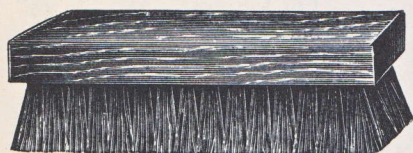
BLACK CHINA BRISTLE PLATERS' BRUSHES, WIRE DRAWN

	Rows Bristle	Length Overall	Length Brushpart	Width Block	Length Bristle
No. 950.....	2	12"	5½"	5⁄8"	7⁄8"
No. 951.....	3	12"	5½"	7⁄8"	7⁄8"
No. 952.....	4	12"	5½"	1"	7⁄8"
No. 953.....	5	12"	5½"	1⅛"	7⁄8"
No. 954.....	6	12"	5½"	1½"	7⁄8"

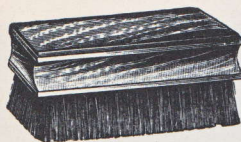
PLATERS' AND ELECTROTYPERS' BRUSHES



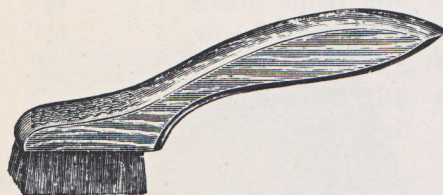
Cotton Potash Brush



Scouring Brush



Halftone Brush



Shoe Handle Halftone Brush

COTTON POTASH BRUSHES

Made of Selected Cotton Yarn, on Curved Plain White Wood Handles.

	Rows Cotton	Length Overall	Length Brushpart	Width Brushpart
No. 915.....	4	13 $\frac{3}{4}$ "	7 $\frac{3}{4}$ "	1 $\frac{1}{16}$ "

PLATERS' SCOURING BRUSHES

All Extra Heavily Filled, Staple Set, Plain White Wood Blocks.

	Length Block	Width Block	Rows Fibre	Length Fibre
No. 900 White Tampico Fibre	8"	2 $\frac{1}{2}$ "	6x16	1 $\frac{1}{4}$ "
No. 901 Bassine Fibre.....	8"	2 $\frac{1}{2}$ "	5x15	1 $\frac{1}{4}$ "
No. 902 Mixed Fibre.....	8"	2 $\frac{1}{2}$ "	6x16	1 $\frac{1}{4}$ "

STRAIGHT BACK HALFTONE BRUSHES

Made of Fine Brass Wire, .004 Guage, Staple Set, Smooth Finish Plain Solid Wood Block with Grooved Sides.

	Length Block	Width Block	Rows Wire	Length Wire
No. 916 Brass Wire	4 $\frac{1}{2}$ "	2"	11x17	$\frac{3}{4}$ "

SHOE HANDLE HALFTONE BRUSHES

Made of Fine Brass Wire, .004 Guage, Wire Drawn into Smooth Finished Plain Block.

	Length Overall	Width Block	Length Brushpart	Rows Wire	Length Wire
No. 917 Brass Wire	8 $\frac{3}{8}$ "	$\frac{3}{4}$ "	2 $\frac{1}{4}$ "	4x9	$\frac{3}{4}$ "

Electro-
Platers',
Dry
Cleaners &
Moulders'
Brushes

Brooms

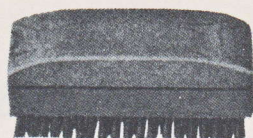
Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

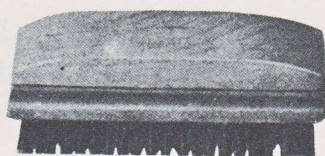
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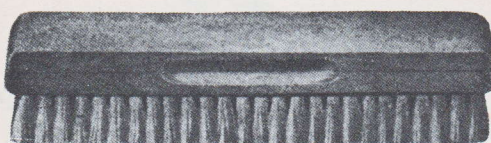
DRY CLEANERS' BRUSHES



Nos. 920-921



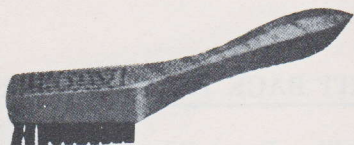
Nos. 922 to 927



No. 928



Nos. 930-931



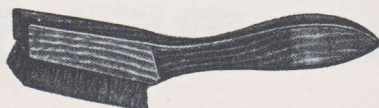
Nos. 932-933



Nos. 934 to 937



Nos. 938-939



Nos. 940-941

BENZINE BRUSHES

		Length Block	Width Block	Length Stock
No. 920	Stiff Black Bristle	4 $\frac{1}{4}$ "	2 "	$\frac{1}{2}$ "
No. 921	Stiff White Bristle	4 $\frac{1}{4}$ "	2 "	$\frac{1}{2}$ "
No. 922	Stiff Black Bristle	6 "	2 $\frac{1}{4}$ "	$\frac{5}{8}$ "
No. 923	Stiff Black Bristle	6 "	2 $\frac{1}{4}$ "	$\frac{1}{2}$ "
No. 924	Stiff White Bristle	6 "	2 $\frac{1}{4}$ "	$\frac{1}{2}$ "
No. 925	Stiff Black Bristle (For Gloves)	5 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	$\frac{3}{4}$ "
No. 926	Stiff White Bristle (For Gloves)	5 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	$\frac{3}{4}$ "
No. 927	Soft White Bristle (For Silks)	6 "	2 $\frac{1}{4}$ "	1"
No. 928	Soft White Goat Hair (For Velvet)	7 $\frac{1}{4}$ "	2 "	1"

SPOT BRUSHES

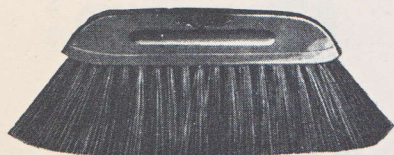
		Length Block	Width Block	Length Stock
No. 930	Stiff Black Bristle	7 $\frac{1}{2}$ "	1 "	$\frac{1}{2}$ "
No. 931	Stiff White Bristle	7 $\frac{1}{2}$ "	1 "	$\frac{1}{2}$ "
No. 932	Stiff Black Bristle	6 "	$\frac{7}{8}$ "	$\frac{1}{2}$ "
No. 933	Stiff White Bristle	6 "	$\frac{7}{8}$ "	$\frac{1}{2}$ "
No. 934	Stiff Black Bristle	7 "	1 "	$\frac{1}{2}$ "
No. 935	Stiff White Bristle	7 "	1 "	$\frac{1}{2}$ "
No. 936	Stiff Black Bristle	7 "	1 $\frac{3}{4}$ "	$\frac{1}{2}$ "
No. 937	Stiff White Bristle	7 "	1 $\frac{3}{4}$ "	$\frac{1}{2}$ "
No. 938	Stiff Black Bristle	8 "	1 $\frac{3}{4}$ "	$\frac{1}{2}$ "
No. 939	Stiff White Bristle	8 "	1 $\frac{3}{4}$ "	$\frac{1}{2}$ "
No. 940	Stiff Black Bristle	8 "	1 "	$\frac{1}{2}$ "
No. 941	Stiff White Bristle	8 "	1 "	$\frac{1}{2}$ "

NOTE: The cost of these brushes should be the least consideration in their purchase, as they are built for performance, and only the very highest grade of materials are used in their manufacture.

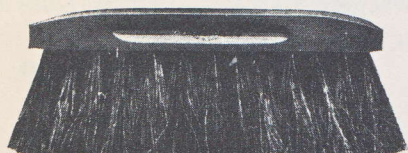
MOULDERS' BRUSHES



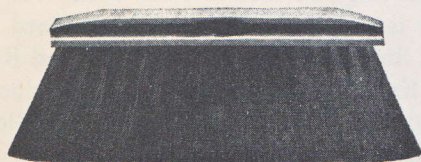
No. 906



Nos. 907-908



Nos. 909-910



No. 911

MOULDERS' HARD BRUSHES

Made on a Solid Plain Wood Block, Grooved Sides, Staple Set, Rocker Face.

	Length Block	Width Block	Rows Hair	Length Hair
No. 906 All Black Hair	8½"	2¾"	6x24	1½"

MOULDERS' SOFT BRUSHES

Made on Solid Blocks in three different shapes, Grooved Sides, All Staple Set.

	Length Block	Width Block	Rows Hair	Length Hair
No. 907 Mixed Grey Hair	9¼"	1½"	4x21	2¾"
*No. 908 All Black Hair	9¼"	1½"	4x21	2¾"
	Length Block	Width Block	Rows Hair	Length Hair
No. 909 Mixed Grey Hair	8½"	2¼"	5x13	2¾"
No. 910 All Black Hair	8½"	2¼"	5x13	2½"
	Length Block	Width Block	Rows Hair	Length Hair
No. 911 All Black Hair	8½"	2"	5x12	3¼"

*Most Popular Number.

NOTE: Brushes that do not give satisfactory results should not be condemned hastily, as there is always the possibility that you have not purchased the proper brush for the job. Such problems call for a study of the work to be performed, and our trained brush salesmen will be glad to lend their assistance if you will call on us.

Brooms

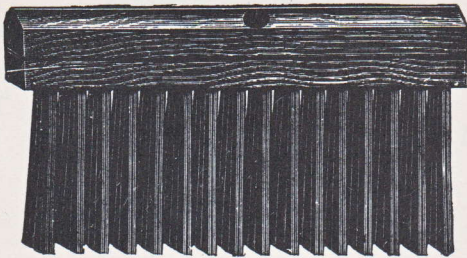
Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

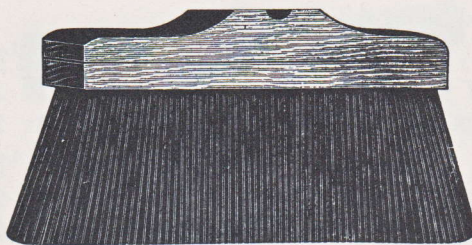
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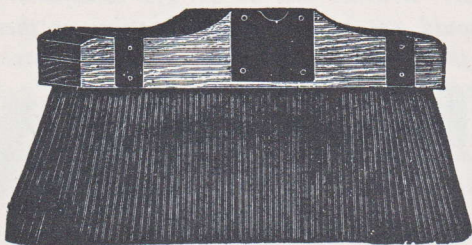
FLAT STEEL WIRE PUSH BROOMS



Straight Type



Plain Flared Type



Iron Banded Extra Heavy Type

STRAIGHT TYPE

Made of Highest Grade Flat Tempered Steel. Recommended for cleaning Paved Streets, or Repair Work. Extensively used by Contractors. Order Handles as separate item.

	Length Block	Width Block	Rows Wire	Length Wire
No. 250.....	12"	2 $\frac{3}{8}$ "	4	5"
No. 257.....	14"	2 $\frac{3}{8}$ "	4	5"
No. 259.....	16"	2 $\frac{3}{8}$ "	4	5"
No. 251.....	12"	2 $\frac{1}{2}$ "	5	5"
No. 258.....	14"	2 $\frac{1}{2}$ "	5	5"
No. 260.....	16"	2 $\frac{1}{2}$ "	5	5"

PLAIN FLARED TYPE

Made of Highest Grade Flat Tempered Steel. The Flared Ends of this type permit of sweeping close to curb or walls. Recommended for sweeping Cobble Stone or Brick Pavement. Also efficient for sweeping Barns. Order Handles as separate item.

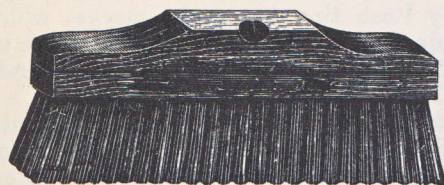
	Length Block	Width Block	Rows Wire	Length Wire	Approx. Sweep
No. 261.....	12"	2 $\frac{1}{2}$ "	6	5"	15"
No. 267.....	14"	2 $\frac{1}{2}$ "	6	5"	18"

IRON BANDED EXTRA HEAVY TYPE

Made of Highest Grade Flat Tempered Steel. This type is recommended for Extra Hard Usage such as in Smelting Plants, etc. The End Rows of Wire are Extra Heavily Filled, and the blocks are Reinforced with Iron Bands. Order Handles as a separate item.

	Length Block	Width Block	Rows Wire	Length Wire	Approx. Sweep
No. 268.....	12"	2 $\frac{1}{2}$ "	6	5"	15"
No. 269.....	14"	2 $\frac{1}{2}$ "	6	5"	18"

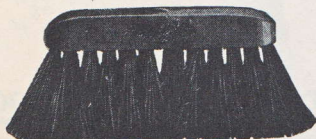
ROUND WIRE BROOMS, UPRIGHT FIBRE BROOMS



Round Wire Push Broom



Dock Type Upright Broom



Dairy Type Upright Broom



Steel Scraper



Handle Section

ROUND WIRE PUSH BROOMS

Made of High Tempered Round Steel Wire. Recommended for Sweeping Rough Wood or Stone Floors, and for Scrubbing Cellars, Yards, Service Stations, etc. Order Handles as a separate item.

	Length Block	Width Block	Rows Wire	Length Wire
No. 241.....	12"	2½"	8	3½"
No. 247.....	12"	3 "	8	2½"
No. 248.....	14"	2½"	8	3½"
No. 249.....	14"	3 "	8	2½"

UPRIGHT FIBRE BROOMS

DOCK TYPE

Recommended for Sweeping Wharves, Docks, Ship Decks, etc. Made of Palmyra Fibre, Staple Set, Solid Blocks. Order Handles as a separate item.

	Length Block	Width Block	Rows Fibre	Length Fibre
No. 747.....	11"	2¾"	6x16	4"

DAIRY OR PACKING HOUSE TYPE

Recommended for sweeping in Dairies, Creameries, Packing Houses, etc. Made of Genuine Basine Fibre (often called Coir), Staple Set, Solid Blocks. Order Handles as a separate item.

	Length Block	Width Block	Rows Fibre	Length Fibre
No. 748.....	12"	2¼"	3x12	5"

STEEL SCRAPERS

Steel Scrapers can be attached to any of our Brooms, at slight additional charge. Our Scrapers are made of Extra Heavy Sheet Steel.

	Length
No. 18 Steel Scrapers	14"
No. 19 Steel Scrapers	16"

HANDLES

Handles for Street Brooms and Window Brushes, Deck Scrubs, etc., must be ordered separately. These Handles are made of Plain Hard Wood, Smoothly Sanded, and can be supplied in four lengths.

	Length of Handle	Diameter of Handle
No. 20.....	4½ Ft.	1½"
No. 21.....	6 Ft.	1½"
No. 22.....	8 Ft.	1½"
No. 23.....	10 Ft.	1½"

Brooms

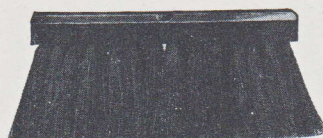
Scrub,
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Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

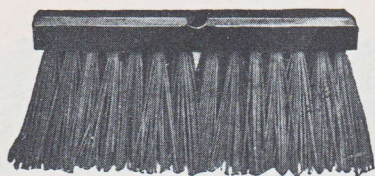
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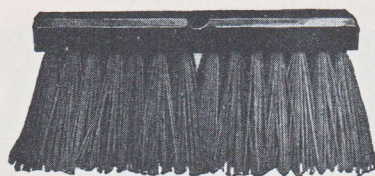
FIBRE PUSH BROOMS



African Bass Push Broom



Round Rattan Push Broom



Bamboo Push Broom

Our line of Push Brooms is Standard, and is made with a view to Complete Performance as the first consideration. We emphasize this point as there are many Push Brooms on the market which are not standard, in the respect that they have under-sized blocks or are short the standard number of holes. The buyer should recognize that a Push Broom with less than the standard number of holes will contain that much less fibre, and consequently will not wear as long as a standard Broom.

All of our Blocks are Solid, of Well Seasoned Lumber to prevent Splitting, or Warping. All holes are filled to the maximum with Fibre. Handles for Push Brooms should be ordered as a separate item.

AFRICAN BASS PUSH BROOMS

	Length Block	Rows Fibre	Width Block	Length Fibre
No. 800.....	12"	4	3 "	6"
No. 801.....	12"	5	3½"	6"
No. 802.....	12"	6	4 "	6"
No. 803.....	14"	4	3 "	6"
No. 804.....	14"	5	3½"	6"
No. 805.....	14"	6	4 "	6"
No. 806.....	16"	4	3 "	6"
No. 807.....	16"	5	3½"	6"
No. 808.....	16"	6	4 "	6"

ROUND RATTAN PUSH BROOMS

	Length Block	Rows Fibre	Width Block	Length Fibre
No. 815.....	12"	4	3 "	6"
No. 816.....	12"	5	3½"	6"
No. 817.....	12"	6	4 "	6"
No. 818.....	14"	4	3 "	6"
No. 819.....	14"	5	3½"	6"
No. 820.....	14"	6	4 "	6"
No. 821.....	16"	4	3 "	6"
No. 822.....	16"	5	3½"	6"
No. 823.....	16"	6	4 "	6"

BAMBOO PUSH BROOMS

	Length Block	Rows Fibre	Width Block	Length Fibre
No. 830.....	12"	4	3 "	6"
No. 831.....	12"	5	3½"	6"
No. 832.....	12"	6	4 "	6"
No. 833.....	14"	4	3 "	6"
No. 834.....	14"	5	3½"	6"
No. 835.....	14"	6	4 "	6"
No. 836.....	16"	4	3 "	6"
No. 837.....	16"	5	3½"	6"
No. 838.....	16"	6	4 "	6"

WOUND TYPE BROOMS



Wound Type Corn Broom

FACTORY AND WAREHOUSE BROOMS

ALL CORN

		Size	Weight Per Doz.
No. 775	"Factory" Brooms	7	30 lbs.
No. 776	"Factory" Brooms	8	36 lbs.
No. 777	"Factory" Brooms	9	40 lbs.

MIXED CORN AND RATTAN BROOMS

		Size	Weight Per Doz.
No. 778	"Factory" Brooms	8	36 lbs.
No. 779	"Factory" Brooms	9	40 lbs.

MIXED CORN AND RATTAN, RATTAN CASED

		Size	Weight Per Doz.
No. 780	"Factory" Brooms	8	36 lbs.
No. 781	"Factory" Brooms	9	40 lbs.

HOUSE AND OFFICE BROOMS

"BLUE BELL" BRAND, ALL CORN

		Size	Weight Per Doz.
No. 782	"Blue Bell" Brooms	6	24 lbs.
No. 783	"Blue Bell" Brooms	7	30 lbs.
No. 784	"Blue Bell" Brooms	8	34 lbs.

"PARLOR" BRAND, EXTRA QUALITY, ALL CORN

		Size	Weight Per Doz.
No. 785	"Parlor" Brooms	6	24 lbs.
No. 786	"Parlor" Brooms	7	30 lbs.
No. 787	"Parlor" Brooms	8	34 lbs.

Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

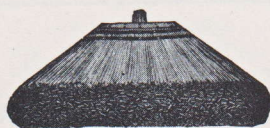
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"RED CAP" METAL HEAD INDUSTRIAL BROOMS



End View Showing Round Rattan Mixture



End View Showing Bamboo Mixture



The Chisel Handle

The "Red Cap" Brooms are made for Factories, Steel and Iron Mills, Foundries, Railroads, Warehouses, or for any sweeping of a rough nature.

"Red Cap" Brooms can be identified by the Wide Metal Cap which is painted Red. This Wide Metal Cap and the Metal Band below it holds the shoulder of the broom rigidly in place and prevents the breaking off of the corn at the shoulder which often occurs to the ordinary wound type brooms under severe usage. The Two Twine Sewings in the center hold the body of the broom just enough to give a uniform and flexible sweep.

ALL CORN

FACTORY BROOMS

	Weight Per Dozen
No. 12 "Red Cap".....	30 to 31 lbs.
No. 14 "Red Cap".....	33 to 34 lbs.
*No. 144 "Red Cap".....	35 to 36 lbs.
No. 16 "Red Cap".....	38 to 39 lbs.
No. 18 "Red Cap".....	43 to 45 lbs.

*Most Popular size.

CORN AND RATTAN MIXED

FACTORY BROOMS

	Weight Per Dozen
No. 3 "Red Cap".....	30 to 31 lbs.
No. 4 "Red Cap".....	33 to 34 lbs.
*No. 44 "Red Cap".....	35 to 36 lbs.
No. 5 "Red Cap".....	38 to 39 lbs.
No. 7 "Red Cap".....	43 to 45 lbs.

*Most Popular size.

CORN AND BAMBOO MIXED

FACTORY BROOMS

	Weight Per Dozen
No. 8 "Red Cap".....	30 to 31 lbs.
No. 9 "Red Cap".....	33 to 34 lbs.
*No. 99 "Red Cap".....	35 to 36 lbs.
No. 10 "Red Cap".....	38 to 39 lbs.
*No. 100 "Red Cap".....	43 to 45 lbs.

*Most Popular size.

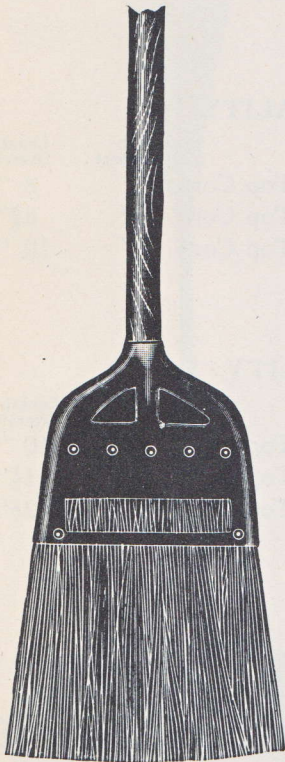
SNOW AND SWITCH BROOMS

	Weight Per Dozen
No. 1 "Red Cap" All Rattan Snow Brooms.....	30 to 31 lbs.
No. 20 "Red Cap" All Bamboo Track Brooms.....	30 to 32 lbs.

CHISEL HANDLES

Red Cap Brooms can be equipped with Chisel Handle at Slight Extra Cost.

“DURABLE” FIBRE BROOMS



The “Durable” Fibre Broom

The “Durable” Fibre Brooms are especially adapted for use in Factories, Foundries, Mills, Dyehouses, Packing Houses, Machine Shops, Dairies, and Railroads.

The more water these brooms come in contact with, the better they will sweep, the longer they will wear. They will outlast a corn broom by at least 2 to 1.

They are made of Oiled India Bahia Brown Fibre in three grades, Fine, Medium and Coarse Fibre. The three grades of Fibre are made to meet the requirements of all classes of sweeping, such as Fine Sweeping, Medium or Sweeping under average conditions, and Coarse for extra heavy sweeping. In constructing the brooms, the ends of the Fibre are impregnated and set in Hot Mineral Rubber Cement, then clamped between Galvanized Steel Shields, and finally Brass Eyeleted through and through by Steel Rivetting. The Handles are made of No. 1 Selected N. Y. State Maple, Polished Finish, 44 inches long.

No. E-13 COARSE FIBRE “DURABLE” BROOMS

The Coarse Fibre Broom is made especially for Heavy Sweeping in Packing Houses, Garages, Railroads, etc.

Sweep	Flare	Wire Bands
11"	12"	1"

No. G-15 MEDIUM FIBRE “DURABLE” BROOMS

Recommended for General Factory Use, Dairies, Machine Shops, Foundries, etc.

Sweep	Flare	Sewings
10"	11"	3

No. H-16 FINE FIBRE “DURABLE” BROOMS

For Light Factory Sweeping and Household Use. Suitable for Smooth Wood Floors, Cement or Tile.

Sweep	Flare	Sewings
8"	11"	2

MAKE THIS TEST

Select a sweeper, a man who is not afraid of a new idea. Instruct him to use the “DURABLE” in the daily routine in place of the old style broom, and keep strict account of the length of the life of fibre, then compare his report with your knowledge of ordinary broom usage.

WHISK BROOMS

CORN WHISK BROOMS

ORDINARY QUALITY

		Length Broompart	Length Overall	Rows Sewing
No. 315	Ball Top Corn	6"	9"	2
No. 316	Ball Top Corn	7"	10"	2
No. 317	Ball Top Corn	7"	10"	2

MEDIUM QUALITY

		Length Broompart	Length Overall	Rows Sewing
No. 318	Ball Top Corn	5"	8 "	2
No. 319	Ball Top Corn	6"	8 $\frac{3}{4}$ "	2
No. 320	Ball Top Corn	7"	10 "	2

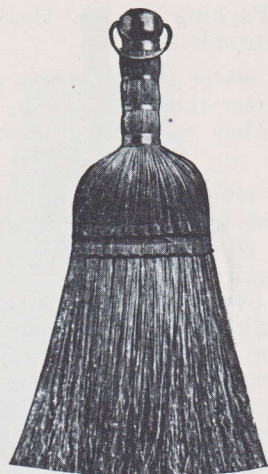
EXTRA QUALITY

		Length Broompart	Length Overall	Rows Sewing
No. 321	Ball Top Corn	7"	10 "	2
No. 322	Ball Top Corn	8"	11 $\frac{1}{2}$ "	3
No. 323	Ball Top Corn	9"	12 $\frac{1}{2}$ "	4

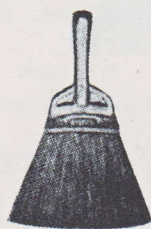
FIBRE FACTORY WHISK BROOMS

Made of Bassine Fibre, Very Strong and Durable. Made in Extra Heavy Metal Ferrules. Adapted for General Factory Use, especially for Automobile Manufacturers, Foundries, Steel Mills, Machine Shops, and Battery Stations.

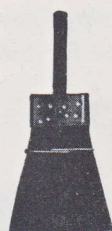
		Length Broompart	Length Overall
No. 324	Small Brown Fibre	3 $\frac{3}{4}$ "	8 $\frac{1}{2}$ "
No. 325	Large Brown Fibre	6 $\frac{1}{2}$ "	10 "



Corn Whisk

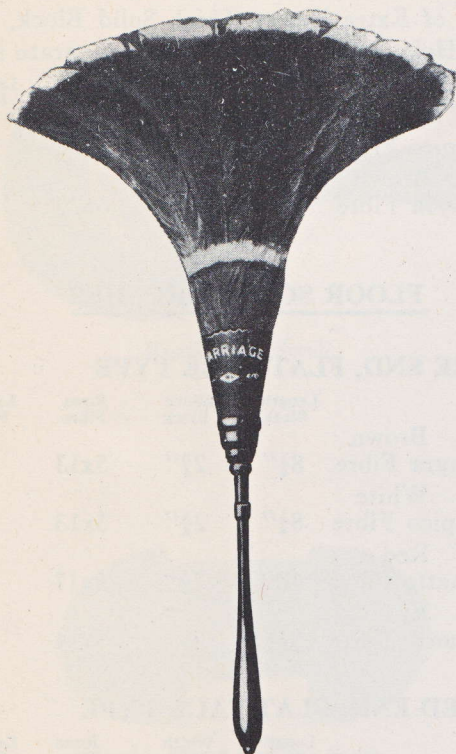


Small Fibre Whisk

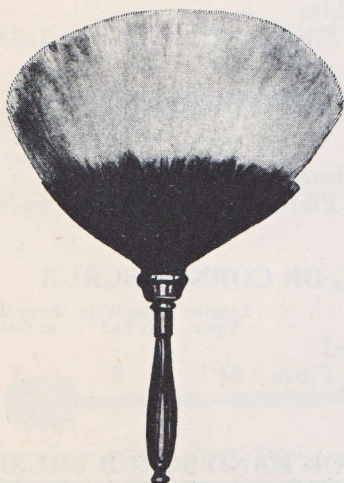


Large Fibre Whisk

FEATHER AND WOOL DUSTERS



Feather Duster



Wool Duster

FEATHER DUSTERS

No. 705. "HOUSEHOLD" FEATHER DUSTERS

Made of All Wing Turkey Feathers with Detachable Handle.

Size.....	12"	14"	16"	18"
Length Overall	25 $\frac{1}{4}$ "	28 $\frac{1}{4}$ "	33"	35"
Length of Handle	13 "	15 "	18"	18"
No. of Feathers..	90	90	90	90

No. 710. "TRADE" FEATHER DUSTERS

Made of Tail and Wing Turkey Feathers, with Detachable Handle.

Size.....	12"	14"	16"	18"
Length Overall	25 $\frac{1}{4}$ "	28 $\frac{1}{4}$ "	33"	35"
Length of Handle	13 "	15 "	18"	18"
No. of Feathers..	90	90	90	90

No. 715. "JANITOR" FEATHER DUSTERS

Made of Selected Tail and Wing Turkey Feathers, with detachable Handles.

Size.....	12"	14"	16"	18"
Length Overall	24"	27"	30"	33"
Length of Handle	13 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "
No. of Feathers..	120	120	120	120

No. 720. "DE LUXE" FEATHER DUSTERS

Made of All Tail Turkey Feathers, Extra Long and Full, with Detachable Handles.

Size.....	12"	14"	16"	18"
Length Overall	24"	27"	30"	33"
Length of Handle	13 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "
No. of Feathers..	150	150	150	150

No. 725. "CHAMPION OSTRICH" FEATHER DUSTERS

Made of the Finest Full Ostrich Feathers, with Detachable Handle.

Size.....	12"	14"	16"	18"	20"
Length Overall	25 "	28 "	31 "	34 "	37 "
Length of Handle	13 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "

WOOL DUSTERS

Made of Canadian Lambs' Wool. They are made in a variety of Color Combinations, each Duster having two or more colors. Mounted on Black Enameled Head and Handle. Being very soft, they are popular for Dusting Automobiles, Fine Furniture, etc.

No. 726. LAMBS' WOOL DUSTERS

Size.....	3/0	2/0	0	2	4	6
Length of Wool..	5 $\frac{3}{4}$ "	6 $\frac{3}{4}$ "	7 "	8"	9 "	10 "
Length of Handle	13 $\frac{3}{4}$ "	17"	17 $\frac{1}{4}$ "	19"	21 $\frac{3}{4}$ "	23 $\frac{1}{4}$ "

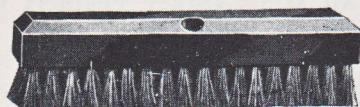
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FLOOR AND HAND SCRUB BRUSHES



Deck Scrub



Square End Flat Face



Pointed End Flat Face



Pointed End Wing Face



Hub or Corner Scrub



Fibre Nail Scrub



Bristle Nail Scrub

HEAVY DECK SCRUB BRUSHES

Made of Extra Heavy Thick Solid Block, with Handle Hole. Order Handles as a separate item.

	Length Block	Width Block	Rows Fibre	Length Fibre
No. 745 White Tampico Fibre	10"	2 $\frac{3}{4}$ "	6x20	2"
No. 746 Brown Palmyra Fibre	10"	2 $\frac{3}{4}$ "	6x20	2"

FLOOR SCRUB BRUSHES

SQUARE END, FLAT FACE TYPE

	Length Block	Width Block	Rows Fibre	Length Fibre
No. 730 Brown Palmyra Fibre	8 $\frac{1}{4}$ "	2 $\frac{3}{4}$ "	5x13	1"
No. 731 White Tampico Fibre	8 $\frac{1}{4}$ "	2 $\frac{3}{4}$ "	5x13	1"
No. 737 Red Palmetto Fibre	10"	2 $\frac{3}{4}$ "	5x17	1"
No. 739 Red Palmetto Fibre	8 $\frac{1}{4}$ "	2 $\frac{3}{4}$ "	5x14	1"

POINTED END, FLAT FACE TYPE

	Length Block	Width Block	Rows Fibre	Length Fibre
No. 732 White Tampico Fibre	10"	2 $\frac{3}{4}$ "	5x20	1"
No. 734 White Tampico Fibre	9 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "	6x25	1 $\frac{1}{8}$ "
No. 735 White Tampico Fibre	10 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	7x28	1 $\frac{1}{8}$ "

POINTED END, WING FACE TYPE

	Length Block	Width Block	Rows Fibre	Length Fibre
No. 733 White Tampico Fibre	10 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	5x20	1 $\frac{1}{8}$ "

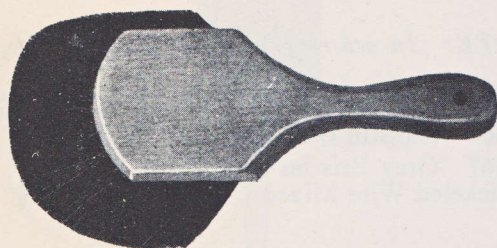
HUB TYPE, OR CORNER SCRUB

	Length Block	Rows Wide at End	Rows Wide at Center	Length Fibre
No. 738 Red Palmetto Fibre	8 $\frac{1}{2}$ "	5	3	1 $\frac{1}{4}$ "

NAIL OR HAND SCRUB BRUSHES

	Length Block	Width Block	Length Stock
No. 736 White Tampico	5"	1 $\frac{1}{2}$ "	$\frac{5}{8}$ "
No. 740 Black Bristle	4 $\frac{1}{4}$ "	2"	$\frac{1}{2}$ "

DAIRY SCRUB BRUSHES



Handled Can Scrub



Double Flared End Can Scrub



Cooler Scrub



Pasteurizer or Barrel Brush

CAN SCRUB BRUSHES

HANDLED END TYPE

	Length Brushpart	Width Brushpart	Length Overall
No. 755 Brown Palmyra Fibre	5½"	5"	10¼"
No. 756 Red Palmetto Fibre	5½"	5"	10¼"

DOUBLE FLARED END TYPE

	Length of Face	Width of Face
No. 757 Red Palmetto Standard.....	9"	5"
No. 759 Red Palmetto Extra Heavy.....	9½"	5½"
No. 760 Yellow Rice Root Fibre.....	9½"	5½"

COOLER SCRUB BRUSHES

	Rows Fibre	Length Brushpart	Length Fibre	Length Overall
No. 761 Red Palmetto Fibre	2	5"	1 ⅜"	13"

PASTEURIZER OR BARREL BRUSHES

	Dia. Brushpart	Length Brushpart	Length Overall
No. 762 Brown Bassine Fibre.....	5"	6"	37"

Scrub,
Dairy &
Bakers'
Brushes

Shoe,
Auto &
Kitchen
Brushes

Index
Alpha-
betical

Index
Numer-
ical

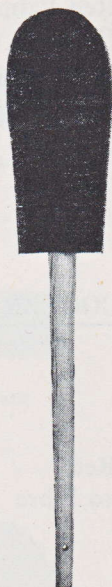
DAIRY HAND BOTTLE BRUSHES



Pasteurizer Tube Brush



Nos. 852-853



Nos. 856-857



Nos. 860-861

PASTEURIZER TUBE BRUSHES

NOTE: In ordering, specify inside diameter of Tube.

		Length Brushpart	Made in Diameters
No. 866	All Stiff Grey Bristles	4 $\frac{1}{8}$ "	1 $\frac{3}{8}$ " up.
No. 867	Grey Bristles and Nickel Wire Mixed	4 $\frac{1}{8}$ "	1 $\frac{3}{8}$ " up.

HAND BOTTLE BRUSHES

STRAIGHT FACE TYPE

		Diameter Brushpart	Length Brushpart	Length Handle
No. 852	Stiff Black Hair	2 $\frac{7}{8}$ "	5 $\frac{1}{2}$ "	10"
No. 853	Stiff Grey Hair	2 $\frac{7}{8}$ "	5 $\frac{1}{2}$ "	10"

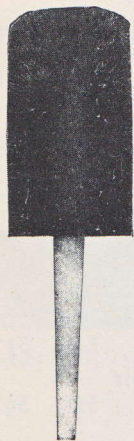
PEAR FACE TYPE

		Diameter Brushpart	Length Brushpart	Length Handle
No. 856	Stiff Black Hair	2 $\frac{3}{4}$ to 2 $\frac{1}{4}$ "	6"	9 $\frac{1}{2}$ "
No. 857	Stiff Grey Hair	2 $\frac{3}{4}$ to 2 $\frac{1}{4}$ "	6"	9 $\frac{1}{2}$ "

STRAIGHT FACE, BEVELLED END TYPE

		Dia. Brushpart	Length Brushpart	Length Handle
No. 860	Stiff Black Hair	2 $\frac{7}{8}$ to 2 $\frac{1}{4}$ "	7"	9"
No. 861	Stiff Grey Hair	2 $\frac{7}{8}$ to 2 $\frac{1}{4}$ "	7"	9"

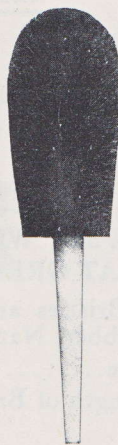
DAIRY MACHINE BOTTLE BRUSHES



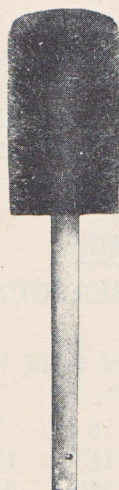
Nos. 850-851



Nos. 858-859



Nos. 854-855



Nos. 863-864



No. 862

Unless otherwise specified, we will supply Machine Bottle Brushes with $5\frac{1}{2}$ " Handles, Tapering to $\frac{7}{16}$ ".

We can also supply 4" Tapered Handles if specified on order.

STRAIGHT FACE TYPE

		Length Brushpart	Dia. Brushpart	Length Handle
No. 850	Stiff Black Hair	$5\frac{1}{2}$ "	$2\frac{7}{8}$ "	$5\frac{1}{2}$ "
No. 851	Stiff Grey Hair	$5\frac{1}{2}$ "	$2\frac{7}{8}$ "	$5\frac{1}{2}$ "

PEAR FACE TYPE

		Length Brushpart	Dia. Brushpart	Length Handle
No. 854	Stiff Black Hair	6"	$2\frac{3}{4}$ to $2\frac{1}{4}$ "	$5\frac{1}{2}$ "
No. 855	Stiff Grey Hair	6"	$2\frac{3}{4}$ to $2\frac{1}{4}$ "	$5\frac{1}{2}$ "

STRAIGHT FACE, BEVELLED END TYPE

		Length Brushpart	Dia. Brushpart	Length Handle
No. 858	Stiff Black Hair	7"	$2\frac{7}{8}$ "	$5\frac{1}{2}$ "
No. 859	Stiff Grey Hair	7"	$2\frac{7}{8}$ "	$5\frac{1}{2}$ "

CENTER BRUSH FOR WRIGHT OR SIMPLEX MACHINES

NOTE: Specify whether for Wright or Simplex Machine on account of Different Handles.

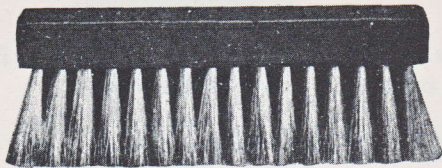
		Length Brushpart	Dia. Brushpart	Length Wright Handle	Length Simplex Handle
No. 862	Stiff Black Hair	9"	4 to $2\frac{5}{8}$ "	$2\frac{3}{4}$ "	$4\frac{1}{2}$ "

OUTSIDE BRUSH FOR WRIGHT OR SIMPLEX MACHINES

NOTE: Specify whether for Wright or Simplex Machine on account of Different Handles.

		Length Brushpart	Dia. Brushpart	Length Handle
No. 863	Stiff Black Hair	$5\frac{1}{2}$ "	$2\frac{7}{8}$ "	$7\frac{1}{2}$ "
No. 864	Stiff Grey Hair	$5\frac{1}{2}$ "	$2\frac{7}{8}$ "	$7\frac{1}{2}$ "

BAKERS' BRUSHES



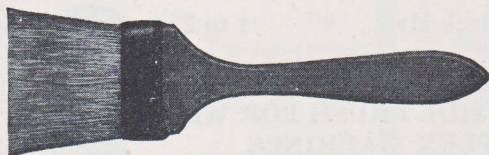
Bench or Trough Brush



Wash or Water Brush



Cake or Icing Brush



Flat Grease Brush



Round Grease Brush

BENCH OR TROUGH BRUSHES

		Rows Hair	Length Block	Width Block	Length Hair
No. 975	White Hair	5x16	10	2	3"

WASH OR WATER BRUSHES

		Rows Hair	Length Brush- part	Width Brush- part	Length Over- all	Length of Hair
No. 976	White Hair					
	Short Handle ...	5x9	5½"	2¼"	11½"	2¾"
No. 977	White Hair					
	Long Handle.....	5x9	5½"	2¼"	15½"	2¾"

CAKE OR ICING BRUSHES

		Rows Hair	Length Brush- part	Width Brush- part	Length Over- all	Length of Hair
No. 978	White Hair	4x6	3¼"	1¾"	8½"	2¾"

FLAT GREASE BRUSHES

No. 50. WHITE BRISTLE, RUBBERBOUND FLAT GREASE BRUSHES

Bristles are set in a Moulding of Solid Hard Rubber, Natural Polished Handles.

Size.....	1"	1½"	2"	2½"	3"
Length of Bristle	1½"	1¾"	2"	2¼"	2½"

No. 51. WHITE BRISTLE, NICKEL BOUND FLAT GREASE BRUSHES

German Style Brush, "Imported from Germany". Nickel Plated Ferrules, Natural Polished Handles.

Size.....	1"	1½"	2"
Length of Bristle	1½"	1¾"	2"

ROUND GREASE BRUSHES

No. 42. WHITE BRISTLE RUBBERBOUND ROUND GREASE BRUSHES

Brushes are set in a Moulding of Solid Hard Rubber. Natural Polished Handles.

Size.....	4	5	6	7
Diameter.....	¾"	1"	1⅛"	1¼"
Length of Bristle	2¼"	2¾"	2¾"	2⅞"

SHOE BRUSHES

SHOE POLISHING BRUSHES

STRAIGHT BACK STYLE

		Width Block	Length Block	Length Hair
No. 883	Black Hair.	2 $\frac{1}{2}$ "	8 $\frac{3}{8}$ "	1"
No. 884	Grey Hair .	2 $\frac{1}{2}$ "	8 $\frac{3}{8}$ "	1"
No. 885	Black Hair Extra Stiff.....	2 $\frac{3}{4}$ "	8 $\frac{3}{4}$ "	1"
No. 886	Grey Hair Extra Stiff.....	2 $\frac{3}{4}$ "	8 $\frac{3}{4}$ "	1"
No. 887	Extra Silver Grey Hair.....	2 $\frac{3}{4}$ "	8 $\frac{3}{4}$ "	1"

CURVED BACK STYLE

		Width Block	Length Block	Length Hair
No. 889	Black Hair.	2 $\frac{1}{2}$ "	8 $\frac{3}{4}$ "	1 $\frac{1}{2}$ "
No. 890	Grey Hair .	2 $\frac{1}{2}$ "	8 $\frac{3}{4}$ "	1 $\frac{1}{2}$ "
No. 891	Extra Silver Grey Hair.....	2 $\frac{1}{2}$ "	8 $\frac{3}{4}$ "	1 $\frac{1}{2}$ "

SHOE DAUBING BRUSHES

		Dia. Brushpart	Length Overall	Length Hair
No. 895	Black Hair.	2 $\frac{1}{2}$ "	6 $\frac{3}{4}$ "	1"
No. 896	Grey Hair .	2 $\frac{1}{2}$ "	6 $\frac{3}{4}$ "	1"
No. 897	Extra Silver Grey Hair.....	2 $\frac{1}{2}$ "	6 $\frac{3}{4}$ "	1"



Straight Back Type

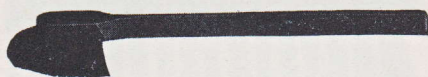


Curved Back Type



Shoe Dauber

AUTOMOBILE CLEANING BRUSHES



Fender Brush



Spoke Brush



Duplex Spoke Brush



Engine Brush



Spark Plug Brush

FENDER WASHING BRUSHES

	Length Brushpart	Width Brushpart	Length Overall	Length Fibre
No. 960 Red Palmetto Fibre	7½"	5¾"	21"	21⅝"
No. 961 White Tampico Fibre	7½"	5¾"	21"	21⅝"

SPOKE CLEANING BRUSHES

	Length Brushpart	Dia. Brushpart	Length Overall
No. 962 Black China Bristle	12"	2⅜" to 1¼"	18½"
No. 963 White Tampico Fibre	12"	2¾" to 1⅜"	17"

DUPLEX SPOKE BRUSHES

	Length Brushpart	Dia. Brushpart	Length Overall
No. 964 Black China Bristle	12"	2½" to 1¼"	17¾"

ENGINE CLEANING BRUSHES

Vulcanized in Hard Rubber, Guaranteed not to come apart.

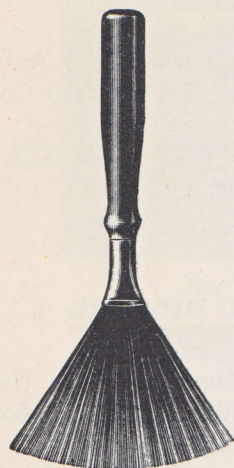
	Length Brushpart	Length Overall	Length Bristle
No. 965 Grey Russian Bristle	3½"	21½"	2"

SPARK PLUG BRUSHES

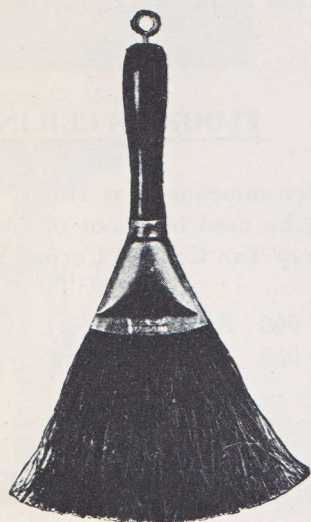
Fine Round Steel Wire in Body of Brush, End Row of Black Bristle.

	Length Block	Width Block	Rows Stock	Length Stock
No. 966 Spark Plug Brushes.....	7"	5⅝"	3x6	¾" to 1"

KITCHEN UTILITY BRUSHES



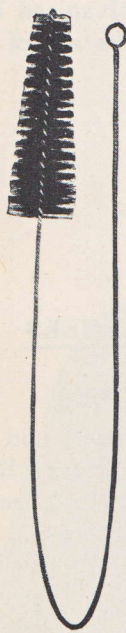
Wire Sink Brush



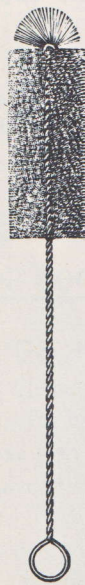
Fibre Sink Brush



Urn
Brush



Refrigerator
Brush



Bottle
Brush



Percolator
Brush

WIRE SINK OR POT BRUSHES

Recommended for Cleaning Metal Sinks, Kettles, Pots and Pans.

		Length Overall	Length Wire
No. 304	Round Steel Wire....	8½"	3"

FIBRE SINK BRUSHES, WOOD HANDLES

Recommended for Cleaning Porcelain Sinks.

		Length Overall	Length Fibre
No. 301	Brown Bassine Fibre, Small	9"	3¼"
No. 302	Brown Bassine Fibre, Large.	7¼"	2¼"
No. 303	White Tampico Fibre.....	8"	2⅞"

URN BRUSHES

No. 305. BLACK CHINA BRISTLE, TWISTED WIRE

Size.....	15"	17"	19"	20"	24"	36"
Diameter	½"	½"	½"	½"	½"	½"

REFRIGERATOR BRUSHES

		Length Overall
No. 306	White Tampico Fibre, Twisted Wire.....	32"
No. 307	Black China Bristle, Twisted Wire.....	32"

BOTTLE BRUSHES

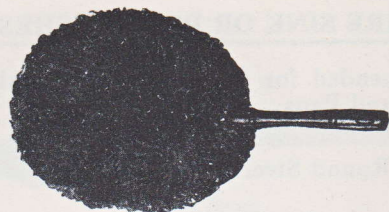
BLACK CHINESE BRISTLES, TWISTED WIRE

		Dia. Brushpart	Length Brushpart	Length Overall
No. 308	Quart Size	3"	4"	18"
No. 309	Pint Size	2⅞"	3½"	14"

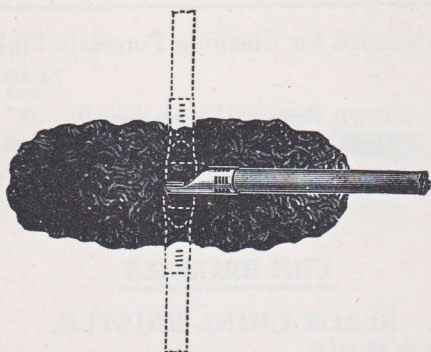
PERCOLATOR BRUSHES

		Length Brushpart	Dia. Brushpart	Length Overall
No. 310	Stiff White Hair, Twisted Wire.....	3½"	½"	13½"

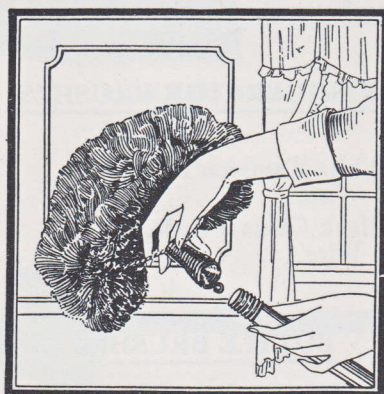
DUSTLESS DUSTERS, FLOOR AND WINDOW RUBBERS



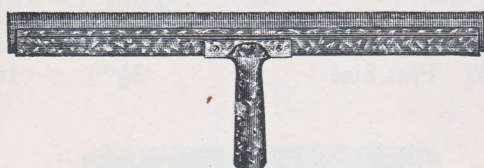
Dustless Hand Duster



Swivel Type Duster



Flexible Spring Type Duster



Window Cleaner



Floor Squeegee

HAND DUSTERS

Recommended for Dusting Furniture or Automobiles. Made of Soft Heavy Tan Colored Cotton Yarn.

		Length Duster	Width Duster	Length Handle
No. 967	Dustless Hand Duster	12"	8"	19"

FLOOR OR CEILING DUSTERS

Recommended for Home, Hotel or Office Use. Can be used on Floor or Ceiling. Made of Soft Heavy Tan Colored Cotton Yarn.

		Length Duster	Width Duster	Length Handle
No. 968	Swivel Type.....	16"	12"	48"
No. 969	Flexible Spring Type	18"	8"	48"

WINDOW CLEANERS

No. 970. GALVANIZED QUEEN WINDOW CLEANERS

Made of Heavy Gauge Galvanized Iron Frame and Channel. The two strips are of Pure Gum Rubber.

Sizes.....	8"	10"	12"
Thickness of Rubber	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "
Sizes.....	14"	16"	18"
Thickness of Rubber	$\frac{5}{8}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ "

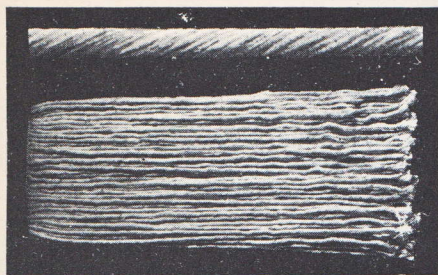
FLOOR SQUEEGEES

No. 971. FLOOR SQUEEGEES

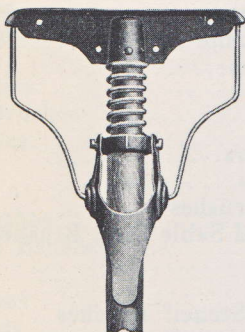
Made of thoroughly seasoned and kiln dried Hardwood, Sanded Finish. Size of Block is full $\frac{7}{8}$ " x $2\frac{5}{8}$ ". The strips are made of Pure Gum Rubber, fastened on to block with screws.

Sizes.....	12"	14"	16"
Width of Rubber...	$1\frac{1}{8}$ "	$1\frac{1}{8}$ "	$1\frac{1}{8}$ "
Thickness of Rubber	$\frac{3}{16}$ "	$\frac{3}{16}$ "	$\frac{3}{16}$ "
Sizes.....	18"	24"	30"
Width of Rubber...	$1\frac{1}{8}$ "	$1\frac{1}{8}$ "	$1\frac{1}{8}$ "
Thickness of Rubber	$\frac{3}{16}$ "	$\frac{3}{16}$ "	$\frac{3}{16}$ "

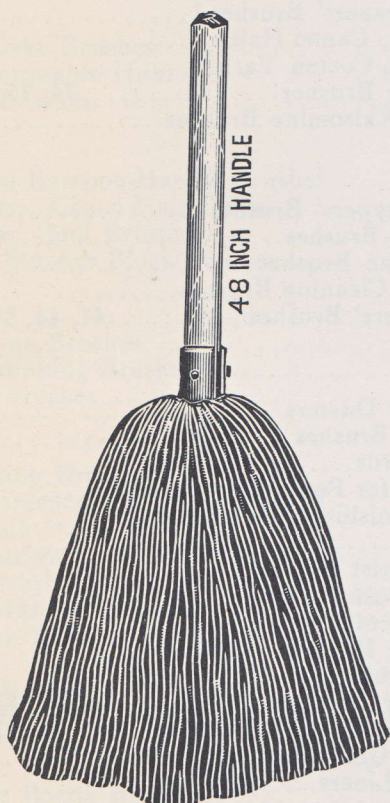
FLOOR AND DECK MOPS



The "Crown" Mop



Steel Spring Mop Handle



Yacht Mop

"CROWN" MOPS

In actual working tests several well-known brands of mops gave service ranging from 2 to 6 days, whereas the "Crown" ran 30 to 43 days. Cost per mop per day averaged less than $1\frac{1}{2}$ c on the "Crown", and on other mops, $3\frac{1}{2}$ c to 12c.

The reason for this superlative showing under actual tests is obvious when one analyzes the specifications.

No. 985. "CROWN" MOPS

Strength of strands, 95 lbs. Construction of strands, 28 ply. Absorption 3 to 4 times its weight. Long Clean White Cotton. Will not leave pieces in wringer, bucket or on floors.

Size.....	1	2
Weight per mop.....	16 oz.	24 oz.

MOP HANDLES

No. 986. STEEL SPRING MOP HANDLES

Full size for Janitor or Industrial Use. Made with strong Steel Heads, with Extra Heavy Lever. Plain White Wood Handles. Length overall 54".

YACHT MOPS

No. 987. YACHT MOPS

Made of Long 4 Ply White Cotton, Bound with Copper Wires. Green Wood Handle, 48" long, $\frac{15}{16}$ " diameter.

Size.....	1	2	3
Length of Mop	9"	$9\frac{1}{2}$ "	$11\frac{1}{2}$ "
Weight of Mop	$3\frac{1}{4}$ oz.	$3\frac{3}{4}$ oz.	$4\frac{3}{4}$ oz.
Size.....	4	5	6
Length of Mop	12"	$12\frac{1}{2}$ "	13"
Weight of Mop	6 oz.	7 oz.	8 oz.

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